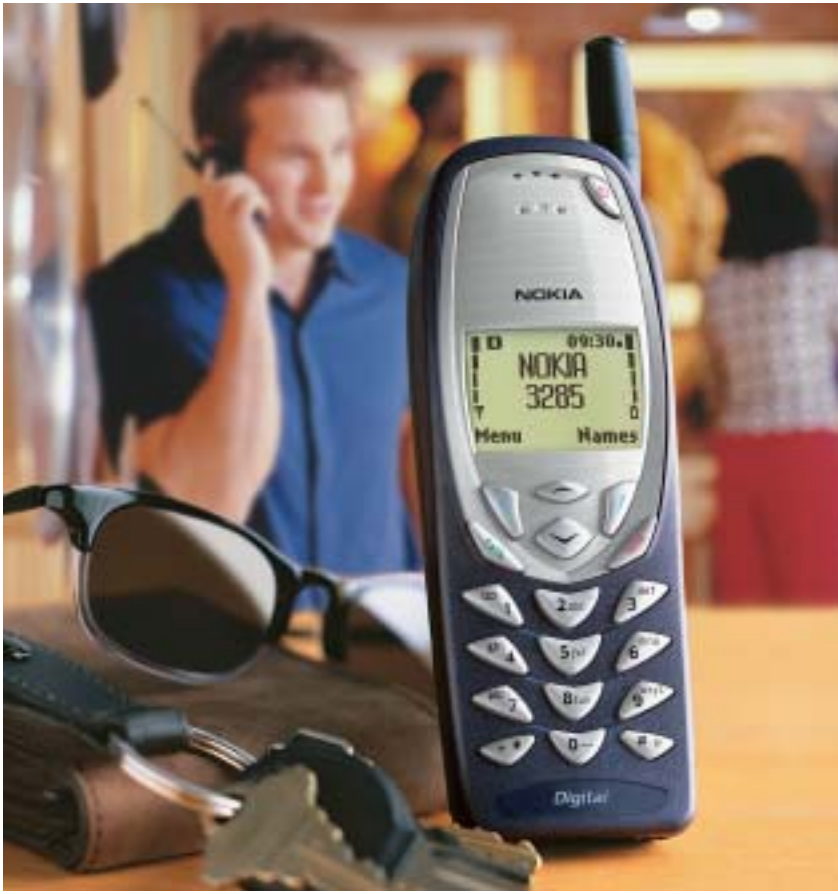
NOKIA

CONNECTING PEOPLE



User Guide

NOKIA 3285

Nokia 3285
User Guide

The wireless phone described in this guide is approved for use in AMPS 800, CDMA 800, and CDMA 1900 networks.

LEGAL INFORMATION

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Your phone may cause TV or radio interference (for example, when using a telephone in close proximity to receiving equipment). The FCC or Industry Canada can require you to stop using your telephone if such interference cannot be eliminated. If you require assistance, contact your local service facility. This device complies with part 15 of the FCC rules. Operation is subject to the condition that this device does not cause harmful interference.

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1 For your safety

Read these safety guidelines before using your mobile phone (called phone throughout this guide). Failure to comply with these guidelines could prove either dangerous or illegal.

• ROAD SAFETY COMES FIRST

Don't use a phone while driving. Park the vehicle first.

• SWITCH OFF IN HOSPITALS

Switch off your phone in a hospital or near medical equipment. Follow any regulations or rules that are in force.

• SWITCH OFF ON AIRCRAFT

Do not use phones on airplanes. This can cause interference with navigational equipment. Phone use on airplanes is illegal.

• SWITCH OFF WHEN REFUELING

Do not use your phone at a refueling point or near fuels or chemicals of any kind.

• SWITCH OFF NEAR BLASTING

Do not use the phone where blasting is in progress. Observe restrictions and follow any regulations or rules that are in force.

• INTERFERENCE

All phones are susceptible to interference, which can affect performance. This interference can interrupt an emergency call.

• USE SENSIBLY

Use only in the normal position (to ear). Avoid unnecessary contact with the antenna when phone is on.

• QUALIFIED SERVICE

Only qualified service personnel can install or repair cellular phone equipment.

• ACCESSORIES AND BATTERIES

Use only approved accessories and batteries. Do not connect incompatible products.

• CALLING

Make sure the phone is switched on and in service. Enter the phone number, including the area code, then press the Talk key talk. To end a call, press the End key end. To answer a call, press the Talk key talk.

• EMERGENCY CALLS

Make sure the phone is switched on and in service. Press and hold the End key end at any time to clear the screen. Enter the emergency number, then press the Talk key talk. Give your location. Do not end the call until told to do so.

Note: You can also press and hold the 9 key 9wxyz to make an emergency call, if the emergency key 9 feature is activated.

2 Welcome

• BEFORE YOU BEGIN

This section provides information needed before you use your phone.

This guide describes the Nokia 3285 phone, which is approved for use in AMPS 800, CDMA 800, and CDMA 1900 networks.

• UNDERSTAND NETWORK SERVICES

This guide describes a number of features known as network services. You must arrange for these special services through your wireless service provider.

Before you can use these network services features, you must subscribe to them through your service provider. Your service provider will instruct you on the use of these services. This guide informs you when you need to contact your service provider for more step-by-step information.

Note: Some networks may not support all language-dependent characters and/or services.

• VISIT NOKIA ON THE WEB

The latest version of this manual may be available on Nokia's World Wide Web site at:

www.nokia.com

2 • CONTACT NOKIA

To help Nokia promptly answer your questions, please have your phone's model number, ESN number, and your local zip code ready when you call Customer Service. The ESN and model number are on the back of your phone under the battery. If you're calling about an accessory, please have it available for reference.

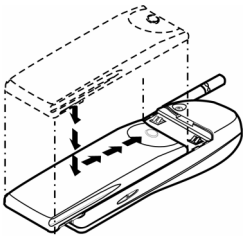
Nokia Customer Care Center
7725 Woodland Center Boulevard, Suite 150
Tampa, FL 33614
Tel: 1-888-NOKIA-2U (1-888-665-4228)
Fax: 1-813-249-9619
TTY:1-800-24-NOKIA (1-800-246-6542)

Customer Care, Canada
Nokia Products Ltd.
601 Westney Rd. South
Ajax, Ontario L1S 4N7
Tel:1-888-22-NOKIA (1-888-226-6542)
Fax:1-905-427-1070

3 Prepare your phone for use

• INSTALL THE BATTERY

Place the battery in the grooves on the back of your phone, then slide the battery upward until it clicks.

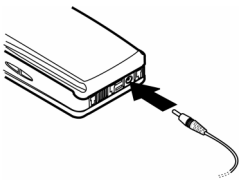


• CHARGE THE BATTERY

Before you use your phone and when the battery runs down, you need to charge it.

1 Connect the lead from the charger to the bottom of the phone.

2 Connect the charger to an AC wall outlet.



If the phone is turned on, the messages **Charger connected** and then **Charging** appear. Then the battery power indicator bar starts to flash up and down (scroll).

- You can use the phone while the battery is charging.
- *Important:* Disconnect your phone from the charger if the phone becomes hot while you're making a call.
- If the battery is totally empty, it might take a few minutes before the charging indicator appears on the screen.
- The time to charge the battery depends on the charger you use.
- The battery is fully charged when the battery indicator bar stops scrolling and the **Battery full** message appears (if phone is on).

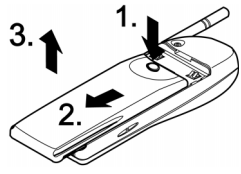
3 Disconnect the charger from the AC outlet and the phone:

- When a charger is not in use, disconnect it from the power source.
- Do not leave the battery connected to a charger for longer than a week. Overcharging the battery could shorten its life span. If left unused, a fully charged battery will discharge itself over time.

• REMOVE THE BATTERY

Later on, you may need to remove the battery.

Note: Make sure the phone is off.



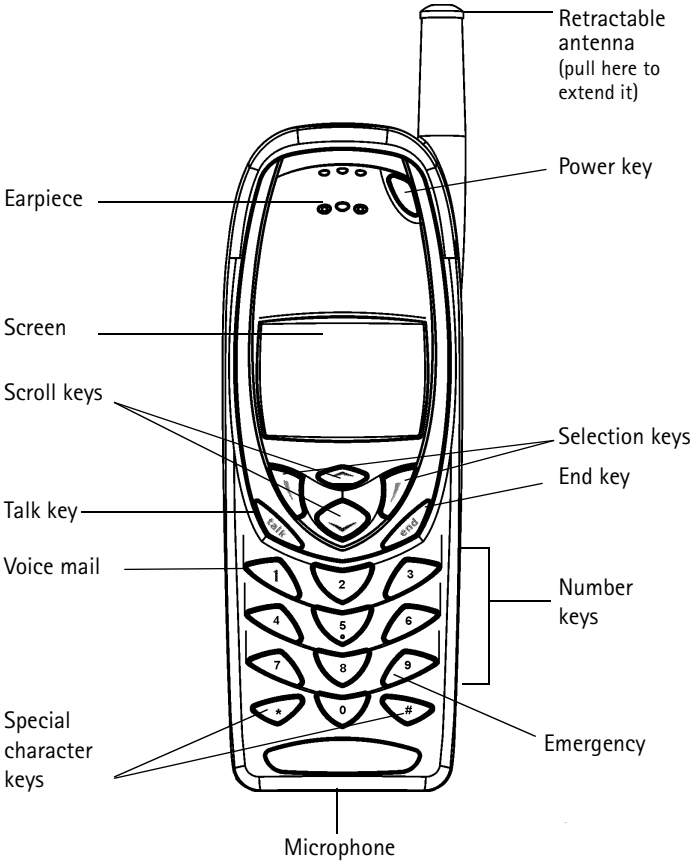
1 Press and hold the button at the top of the battery.

2 Slide the battery toward the bottom of the phone.

3 Lift the battery off the phone.

4 Get to know your phone

• KEYS AND SCREEN



Keys

	Power key Switch the phone on or off (press and hold for more than one second
	Selection keys Perform the function indicated by the text on the screen above the key
	Scroll keys • Scroll menu items and move the highlighter line up and down in a list of displayed items • Move the cursor to enter numbers and text • Display the phone book
	Talk key • Make a call (enter phone number and press key) • Answer a call • Display a list of recently-dialed numbers (display the **Start** screen, then press this key)
	End key • End a call • Silence the ringing for an incoming call (you can still answer the call by pressing) • Return to the **Start** screen at any time

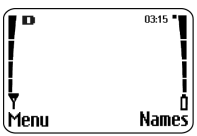
0 – 9wxyz	Number keys Enter numbers and letters Enter a space while entering text, press 0. Call your voice mailbox, press and hold 1. Make an emergency call, press 9wxyz. Make a call using one-touch dialing (press and hold the appropriate number key)
*	Star key - Insert special characters
#	Pound key • Change modes when entering text • Type of text input (multitap/predictive) • Letter case (upper/lower) • Character type (letters/numbers)

Warning: Do not switch on the phone where wireless phone use is prohibited, or where the use of a phone might cause interference or could be a danger. For more information, see "Important safety information" on page 104.

To turn the phone on or off, press and hold the power key for a few seconds. To turn off the phone, you can also quickly press the power key then press **OK**.

Start screen

When you turn on your phone, a service provider screen (or a welcome note, if you have created one) appears for a moment, then the **Start** screen appears. The **Start** screen is the "home base" for your phone. To return to this screen, press end at any time except during a call (unless you want to hang up).

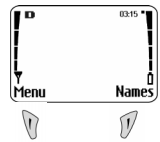


Tip: While entering characters into your phone, if you press end, the characters are not saved.

4 • NAVIGATION KEYS

Selection keys

Use the selection keys to navigate through and select the phone's many options. At the **Start** screen, two options appear: **Menu** and **Names**. The selection keys are just below these options:



- The left selection key ( ) appears below **Menu**.
- The right selection key ( ) appears below **Names.**

At the **Start** screen, when you press the left selection key ( ), the menu item, **Messages**, appears. The text above the left selection key changes to **Select** and the text above the right selection key changes to **Exit**.

At the **Start** screen, when you press the right selection key ( ), a list of options for the **Names** (phone book) feature appears, along with the same **Select** and **Exit** options that appear when you select **Menu**.

This guide refers to the selection keys by the names that appear above them. Example: "Press **Menu**" means to press the selection key below the word **Menu**.

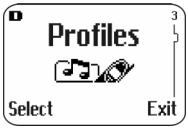
Scroll keys

Use the scroll keys (and) to:

- Scroll the menu items and move the highlighter line up and down in a list of displayed items
- Move the cursor (flashing, vertical line) when entering letters and numbers
- Display the phone book (at the **Start** screen, press to view a list of phone book entries)

Scroll bar

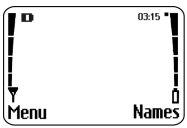
When you press **Menu**, a scroll bar appears on the far right side of the **Start** screen. This bar appears as a straight line with one tab, and it indicates your location in the menu.



As you progress through the menu, the tab moves lower on the scroll bar. If you move backward through the menu, the tab moves up.

• INDICATORS AND ICONS

Indicators



Signal strength - The signal strength of the wireless network at your current location. The greater the number of bar segments, the stronger the signal.

Battery charge status - While the battery charges, the bar segments on the indicator move upward to show that the battery is charging. While the phone is not connected to a charger, the greater the number of bar segments, the greater the level of charge.

Earpiece volume - Appears when you adjust the earpiece volume (and) during a call.

Icons

Active call - A call is in progress.

Alarm - The alarm clock is set.

Keyguard - Keyguard is activated. This prevents accidental key presses. To deactivate it, press **Unlock**, then .

Letter mode (lower case) - Characters are entered as lower case letters. To switch to upper case letter mode, press . To switch to number mode, press and hold .

ABC **Letter mode (upper case)** - Characters are entered as upper case letters. To switch to lower case letter mode, press .

123 **Number mode** - Characters entered are numbers. When you are entering letters, you can switch to the number mode by pressing and holding .

Reminder (To Do) - You have a calendar reminder to do something.

Reminder (Birthday) - You have a calendar reminder calendar that someone's birthday is on that date.

Reminder (Call) - You have a calendar reminder to call someone.

Reminder (Meeting) - You have a calendar reminder of a meeting.

Roaming - Your phone is roaming outside its home system.

Silent tones - You selected the **Silent** profile (tones are off).

?!£ **Special characters** - Highlight a special character, then press Insert. To switch to this mode while you are entering letters, press .

abc **Text entry (predictive, lower case)** - The phone is ready for you to enter lower case letters in the predictive text input mode.

Text entry (predictive, sentence case) - The phone is ready for you to enter letters in the predictive text input mode. The first letter of the first word in each sentence will be upper case.

Text message - You have one or more new text messages.

Voice message - You have one or more new voice messages. To call your voicemail box, press and hold .

5 Make and answer calls

• MAKE A CALL

1 If keyguard is active, press **Unlock**, then the star key + * to deactivate it.

2 Enter the phone number (if necessary, enter a 1 and the area code).

If you make a mistake while entering the number, press ⌒ to move the cursor to the left and ⌒ to move it to the right. To delete the character to the left of the cursor, press **Clear**. To delete all characters, press and hold **Clear**.

3 Press talk. To end the call or to cancel the call, press end.

Notes

- For information about blocking caller ID, See "Choose to block caller ID" on page 40.
- Your phone does not have a dial tone.
- For best signal reception, fully extend the antenna.
- Hold the phone as you would any other telephone, with the earpiece over your ear and the microphone near your mouth.
- It is normal for your phone to become warm during use. If the phone becomes too warm, it automatically drops the current call and returns to the **Start** screen. Until the phone cools, you will be unable to receive or make calls.

• END A CALL

To end a call or to cancel the call, press end. To clear any characters from the screen, press end again.

Answer a call

To answer a call, press talk. To end the call, press end.

NOTES

- If the Anykey answer feature (**Menu 4 > 1 > 4**) is set to **On**, you can answer the call by pressing any key except end or . However, if Keyguard is active, you must press talk to answer the call, even if the Anykey answer feature is set to **On**.
- If the wireless network cannot identify the caller's phone number or if the caller has chosen to block caller ID, the message **Caller ID unavailable** or **Caller ID blocked** may appear. If two entries in your phone book have the same phone numbers for both entries, the caller's name does not appear when they call.
- If you want to stop your phone quickly from ringing (for example, if you're in a public place), press the End key end. As long as the caller's phone number (or name) remain on the screen, you can still answer the call.

Adjust the earpiece volume

During a phone call, you can adjust the volume for your phone's earpiece:

- The top scroll key increases volume, and the bottom one decreases the volume. The scroll keys only adjust volume during phone calls.
- If an accessory, such as a headset or a handsfree device or one with its own loudspeaker, is connected to your phone, the scroll keys will adjust the volume for that accessory.

Redial the last-dialed number

To return to the **Start** screen (press end), then press talk two times.

Get a strong signal

Your phone operates on radio waves, and the reception quality depends on the radio signal strength in your area. A wireless network maintains the radio coverage, and the quality of calls on a wireless phone depends on the wireless radio signal strength.

Tip: For best results, fully extend the antenna. As with all radio transmitting devices, do not touch the antenna unnecessarily when the phone is on. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level.

An indicator on the left of the **Start** screen displays the radio signal strength. More segments mean a stronger signal. To improve reception, move your phone slightly; if you're indoors, move toward a window.

Your phone is optimized for digital service in a compact size. When your phone operates in analog mode, the service area where you can make and receive calls may be smaller.

Keep calls private

The Voice Privacy feature encrypts the voice channel so that no one can eavesdrop on your phone conversations. Voice Privacy is a network service, so you must contact your service provider to access the feature.

By default, the voice privacy setting on your phone is set to **Off**. To turn it on:

1 Press **Menu 4 > 4 >1 (Settings > Network services > Voice privacy)**.

2 Scroll to **On**, then press **OK**.

During a call, Voice Privacy notifies you that it is active with a beep and the message **Voice privacy active** on the screen. During a call, your phone sounds two short beeps and displays the message **Voice privacy not active** if voice privacy is lost.

6 Use phone menus

• NAVIGATE MENUS

A menu lists choices that appear on your phone's screen. To navigate menus, you can scroll or use shortcuts.

6

Scroll through menus

You can navigate menus by scrolling through them:

- **Menu** appears above the left selection key only while the **Start** screen is displayed. To display the **Start** screen, press end.
- To scroll through menus, select **Menu**, and press and .
- To select an item, press the selection key (**Select, OK,** or **Options**).
- To return to the previous screen, press **Back** or **Exit**.
- To return to the **Start** screen, press end.
- If you highlight an item and return to a previous screen or the **Start** screen, the highlighted menu item will not be selected.
- If you use your keypad to enter characters and then return to the previous screen or the **Start** screen, the characters will not be saved.

Use a shortcut

To navigate to a menu item quickly without scrolling, use a menu shortcut. A shortcut number for each menu item appears in the upper right corner of the screen. For example, to adjust the ringing volume, display the **Start** screen by pressing end, then press **Menu 3 > 1 > 2 > 2**. Don't pause for more than two seconds between key presses.

Note: The number of main menus in your phone, determines whether you may need to press the 0 key 0 before you enter a shortcut that begins with "1" and is followed by the 1 key 1 and any other key(s). For example, to display the **Inbox** menu (**1 > 1 > 2**), press **Menu** 0 1 1 2abc.

Most menu items in your phone have a brief help message. To view the help message for a menu item, scroll to an item and wait for 10 seconds.

• LIST OF MENU SHORTCUTS

Your phone's menu may differ from the following list. The list depends on the network services to which you subscribed and the accessories you are using. If you have any questions, call your service provider.

1 MESSAGES

- 1 Text messages (0-1-1)
  - 1 Write new* (0-1-1-1)
  - 2 Inbox (0-1-1-2)
  - 3 Outbox* (0-1-1-3)
  - 4 Saved (0-1-1-4)
  - 5 Erase (0-1-1-5)
    - 1 All read (0-1-1-5-1)
    - 2 All in inbox (0-1-1-5-2)
    - 3 All in outbox (0-1-1-5-3)
    - 4 All saved (0-1-1-5-4)
- 2 Voice messages (0-1-2)
  - 1 Listen to voice messages (0-1-2-1)
  - 2 Voice mailbox number (0-1-2-2)
- 3 Welcome note (0-1-3)
- 4 Minibrowser messages* (0-1-4)

* Availability depends on your arrangement with your service provider.

2 CALL LOG

- 1 Missed calls (2-1)
- 2 Received calls (2-2)
- 3 Dialed calls (2-3)
- 4 Clear call lists (2-4)
  - 1 All (2-4-1)
  - 2 Missed (2-4-2)
  - 3 Received (2-4-3)
  - 4 Dialed (2-4-4)
- 5 Call timers (2-5)
  - 1 Last call (2-5-1)
  - 2 All calls (2-5-2)
  - 3 Life timer (2-5-3)
  - 4 Clear timers (2-5-4)

- **3 PROFILES**
  - 1 Normal* (3-1)
    - 1 Select (3-1-1)
    - 2 Customize (3-1-2)
      - 1 Ringing options (3-1-2-1)
      - 2 Ringing volume (3-1-2-2)
      - 3 Ringing tone (3-1-2-3)
      - 4 Vibrating alert (3-1-2-4)
      - 5 Keypad tones (3-1-2-5)
      - 6 Warning and game tones (3-1-2-6)
      - 7 Message alert tone (3-1-2-7)
      - 8 Lights** (3-1-2-8)
      - 9 Automatic answer** (3-1-2-9)
  - 2 Silent (3-2)
  - 3 Meeting (3-3)
  - 4 Outdoor (3-4)
  - 5 Pager (3-5)
  - 6 Handsfree **
  - 7 Headset **

* Menu items that appear under the **Normal** profile also appear under all other profiles, but the second digit of the shortcut differs. For example, the shortcut for the **Ringing options** menu item for the **Normal** profile is 3-1-2-1; for the **Silent** profile, the shortcut is 3-2-2-1.

** This menu item does not appear until the phone has been connected to a handsfree/headset device at least once.

- **4 SETTINGS**
  - 1 Call settings (4-1)
    - 1 Emergency key 9 (4-1-1)
    - 2 Automatic redial (4-1-2)
    - 3 Calling card (4-1-3)
    - 4 Anykey answer (4-1-4)
    - 5 Minibrowser confirmation* (4-1-5)
    - 6 Incoming data/fax call (4-1-6)
  - 2 Phone settings (4-2)
    - 1 Clock (4-2-1)
    - 2 Alarm clock (4-2-2)

3 Touch tones (4-2-3)
4 Restore factory settings (4-2-4)
5 Language (4-2-5)

3 Security settings (4-3)
1 Restrict calls (4-3-1)
2 Access codes (4-3-2)

4 Network services (4-4)
1 Voice privacy* (4-4-1)
2 Call forwarding** (4-4-2)
3 Call waiting** (4-4-3)
4 Send own caller ID with next call** (4-4-4)
5 Network feature setting (4-4-5)
6 NAM selection (4-4-6)
7 NAM update* (4-4-7)
8 Automatic update of service* (4-4-8)

* Availability depends on your arrangement with your service provider.

** This menu item will not appear until the feature has been activated. See "Choose to block caller ID" on page 40.

5 SYSTEM*

1 Home area (5-1)
2 Automatic A (5-2)
3 Automatic B (5-3)
4 Analog (5-4)

* The list of menu items may differ according to service provider.

6 GAMES

1 Memory/Pairs (6-1) *(may vary by service provider)*
2 Snake (6-2)
3 Logic (6-3)
4 Dice (6-4)

7 CALCULATOR

8 CALENDAR

9 MINIBROWSER*

* Availability depends on your arrangement with your service provider.

10 KEYGUARD

7 Enter characters into your phone

Note: To enter characters quickly into a mobile message, see "Working with predictive text input" on page 66.

• ENTER CHARACTERS (EXCEPT IN A PHONE NUMBER FIELD)

Use the following guidelines when entering characters into any field except a phone number field (for example, the **Name** field in your phone book, a note in your calendar, or a mobile message):

Enter letters

To enter a letter that appears on a key, press the key as many times as necessary until the letter appears. For example, to enter the letter "a", press the 2 key ( ) once. To enter the letter "c", press the 2 key ( ) three times.

Change letter case mode

To change the mode that controls whether letters you enter are upper case (capital) ABC or lower case abc, press the pound key ().

Enter numbers

To enter one or just a few numbers, press the appropriate number key as many times as necessary until the number appears. To enter many numbers, it is easier to change to number entry mode (press and hold the pound key ( ).

Erase characters

To erase one character, position the cursor to the right of the character, then press **Clear**. To erase all displayed characters, press and hold **Clear**.

Change between letter entry mode and number entry mode.

To change between letter entry mode (**ABC**/ **abc**) and number entry mode (123), press and hold the pound key (#).

Enter a space

To enter a space, press the 0 key (0).

Enter special characters

To quickly enter one of the most common special characters, press the 1 key (1) several times until the character appears. To see a list of all special characters, press the star key (*). Scroll until the character you want to insert is highlighted, then press **Insert**. To move up and down quickly between rows of characters, press the pound key (#). To move quickly to the last character in the last row, press .

• ENTER CHARACTERS INTO A PHONE NUMBER FIELD

While entering numbers into a phone number field, press the star key (*) as many times as necessary until one of the following special characters appears:

* Bypass an automated attendant.

\+ Precede an international telephone number.

p Create a pause when a number is dialed. The numbers you enter after this special character are automatically sent as touch tones after a 2.5-second pause. For example, the characters after the "p" could be a PIN number that you are required to enter when you call the phone number.

w Create a wait when a number is dialed. Your phone "waits" for you to press talk before it sends the string of numbers as touch tones. The difference between "p" and "w" is that if you use "w", you can control when the touch tones are sent.

8 Use the phone book

Note: Your phone book stores up to 200 names with phone numbers. Numbers can contain 32 digits; names can contain 26 characters. Make entries unique; you cannot store identical names in your phone.

Example: You can't have one entry for John Jones with a home number and another entry for John Jones with a work number. You need to store the names as John Jones Work and John Jones Home.

If you enter a name that is already in your phone book, the message **Replace?** appears, followed by the stored name. Press **Back** to end this sequence without replacing the name.

• USE PHONE BOOK MENUS

The phone book has several menus. These menus appear when you press **Names**. Use the scroll keys to move to the menu you want to use.

Search	Search for a specific name.
Add new	Enter new names and numbers.
Options	Choose a scrolling view and show the memory status.
One-touch dialing	Assign one to one-touch dial locations (speed dialing). See "Use one-touch dialing" on page 52.
Erase all	Erase all names and numbers. To erase one name and number at a time, while viewing the name press **Details** or **Options**. Scroll to **Erase**. Press **Select**.
Own number	Display your own phone number.

Change views

You can view your phone book in three different ways:

Name list	Shows all the names that are stored in your phone book. Three names appear on the screen at a time.
Name+number	Shows individual names and numbers. One name appears on the screen with its corresponding phone number. Name + number is the default setting.
Name only	Displays individual names. To view the phone number, press **Details** and scroll up or down.

In all views, use the scroll keys to move through the list of names.

Select a scrolling view

You can select the scrolling view that you prefer:

1. From the menu, press **Names**.
2. Scroll to **Options**. Press **Select**.
3. Highlight **Scrolling view**, and press **Select**.
4. Scroll until the name of the desired view appears. Press **OK**.

• ADD NAMES AND NUMBERS

You can add names and numbers to your names list:

1. Press **Names**.
2. Scroll to **Add new**, and press **Select**.
3. Using the keypad, enter the name. Use the key to switch between upper and lowercase letters.
4. Press **OK**.
5. Enter the phone number. Press **OK**.

You can also enter numbers by using a shortcut from the **Start** screen:

1 Enter a phone number, and press **Save**.

2 Enter a name at **Name**.

Note: Step 2 is optional.

3 Press **OK**.

• CHANGE A STORED PHONE NUMBER

You can change a number without changing its associated name.

1 Press **Names**.

2 When Search appears, press **Select**.

3 Enter the first few letters of the name of the phone book entry you want to change, and press **OK**.

If you chose **Name only** or **Name list** as your scrolling view, continue to step 4. If you chose **Name+number** as your scrolling view, proceed to step 5.

4 Press **Details** to view the number.

5 Press **Options**.

6 If **Edit** is not highlighted, scroll to it. Press **Select**.

7 Press **OK**. The associated number appears. To move the cursor, scroll up and down. To erase one character, press **Clear**. To erase all characters, press and hold **Clear**.

8 Enter the new number, and press **OK**.

• RECALL AND REDIAL NUMBERS

You can recall and dial numbers using one of four methods.

To recall and dial a number:

1 At the **Start** screen, press or to display the names and associated numbers that are stored in your phone book.

2 Scroll to the appropriate name. Press talk to dial the associated number.

OR

1 At the **Start** screen, press **Names**.

2 Enter the first few letters of the name you want to call.

3 When the appropriate name/number appears on the screen, press talk to dial this number.

OR

1 At the **Start** screen, press **Names**.

2 At Search, press **Select**.

3 Enter the name of the person you want to call, and press **OK**.

4 When the appropriate name/number appears on the **Start** screen, press talk to dial this number.

OR

1 Or press talk and scroll through the dialed calls list and press the **Talk** key again to dial the desired number

• ERASE STORED NAMES AND NUMBERS

Note: You cannot undo **Erase** functions, so be careful!

1 Using one of the methods described in "Recall and redial numbers" on page 24, recall the stored name and its associated number.

If you chose **Name only** as your scrolling view, continue to step 2.

If you chose **Name+number** as your scrolling view, proceed to step 3.

2 Press **Details**.

3 Press **Options**.

4 Scroll to **Erase**. Press **Select**. (**Erase?** appears.)

5 Press **OK** to erase the name and associated number.

• ERASE THE ENTIRE PHONE BOOK

You can erase the contents of your phone book. Note that this action cannot be reversed! Once you have performed this procedure, all the stored information in your phone book is erased.

To erase all the contents of your phone book:

1. Press **Names**.
2. Scroll to **Erase all**. Press **Select**.

   The message **Are you sure?** appears.
3. If you truly want to erase the entire contents of your phone book, press **OK**.

   The **Security code** field appears.
4. Enter your security code, and press **OK**.

• CHECK MEMORY STATUS

You can check to see how many free and in-use memory locations are in your phone book:

1. Press **Names**, and scroll to **Options**. Press **Select**.
2. Scroll to **Memory status**. Press **Select**.

   A message appears that says **Phone: xx free, xx in use**, where xx indicates the number of memory locations (phone book entries.)

9 Use voice mail

Voice mail is a network services feature. Colleagues who miss you when they call can leave a voice message, which you can retrieve later.

• RETRIEVE A MESSAGE

You will be notified when a voice message is available:

- Your phone beeps when you receive a voice message. The message **New voice message** appears on the screen, along with the icon.
- If you receive more than one voice mail message, your phone may display the number of messages that you received. This feature is dependent on your wireless network provider.

Note: To use voice mail, you need to learn the voice mail system's various greetings, passwords, and prompts. Your service provider can furnish instructions.

• SET UP YOUR VOICE MAILBOX

As part of your network's voice mail feature, your service provider gives you a voice mailbox phone number. Save this number in your phone to make getting your voice messages quick and convenient.

1. Press **Menu** 0 >1 > 2 > 2 (**Messages** > **Voice messages** > **Voice mailbox number**).
2. Enter your voice mailbox phone number.
3. Press **OK**.
   - Press **Yes** if you want to save a hidden voice mailbox password in your phone.
   - Press **No** if you don't.
4. If you selected **Yes**, enter your security code.
5. Press **OK**.

6 Enter your voice mailbox password, and press **OK**.

Your voice mailbox number can be up to 32 digits long and is used until it's changed. Therefore, if your phone number changes, you may need to change your voice mailbox number along with it.

• SET GREETINGS AND PASSWORDS

The greetings and passwords may vary in different wireless systems. If you need information about how to record your greeting or how to store your password, contact your service provider.

Note: If you store your voice mailbox password in your phone, the phone immediately sends the password after you dial your voice mailbox number.

• LISTEN TO YOUR VOICE MESSAGES

Note: The way you listen to your voice messages may vary depending upon your service provider. Call your service provider if you have any questions.

1 When your phone alerts you to new voice messages, press **Listen** and follow the instructions given on the phone.

2 If you prefer to listen to your messages later, press **Exit**.

3 To listen to your voice messages at a later time:

Press and hold the 1 key.

OR

Press **Menu 0 >1 > 2 > 1 (Messages > Voice messages > Listen to voice messages)**.

The message **Calling voice mailbox** appears on the screen. Follow the prompts to access your messages.

Voice message notification

A caller who leaves a voice message can specify a priority level if your network supports this feature:

- **New voice message**: This normal priority message can be sent by anyone.
- **Urgent voice mail**: The person who sends an urgent message is requesting an immediate reply. The urgent message can be sent by anyone.
- **Emergency voice mail**: The emergency message can only be sent by a network operator or person in authority when life or property is threatened.

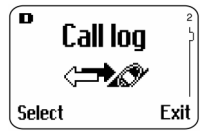
New voice message notifications overwrite older ones, regardless of the priority level. For example, if **Emergency voice mail** appears and you receive a new voice message of normal priority, the emergency message notification disappears and **New voice message** appears.

Clearing the voice message icon

In most networks, the voice message icon is automatically cleared a few seconds after you listen to your last new message. If the network where you are using your phone does not automatically clear the voice message icon, you can manually clear the icon:

Press **Menu** 0 > 1 > 2 > 3 (**Messages** > **Voice messages** > **Clear voice message icon**), then press **Clear**.

10 Work with the call log



The Call log (**Menu 2**) records information about the last 10 calls made, received, or missed:

- Phone number associated with the call
- Date and time when the call connected

The call log records the length of the most recent call you made or received, the total of all calls you made or received during a time period (**Call timer**), and the total duration of all calls you make or receive during the lifetime of your phone (**Life timer**).

10

NOTES

- The call log records missed calls only if the phone was on and in your service provider's area when you received the call.
- If you chose the **Forward if not answered** option in "Use call forwarding" on page 36, the call log records the call as missed.

• VIEW INFORMATION ABOUT RECENT CALLS

Use the menu shortcuts to display the type of recent call list to view:

- **Missed calls - Menu 2 > 1**
- **Received calls - Menu 2 > 2**
- **Dialed calls - Menu 2 > 3**

To view dialed calls, you can also press talk, then scroll.

Note: If necessary, scroll the list until the number (or name) appears. To call the number for the displayed item quickly, press talk.

1 Press **Options**, and scroll to the appropriate option:

- **Call time** - Shows the date and time of day when the call was connected. (Appears only if the clock has been set.)
- **Edit number** - Allows you to edit the number on the screen.
- **Save** - Allows you to add the phone number to your phone book.

- **Erase** - Allows you to erase the entry from the call log.
- **View number** - Allows you to view the associated phone number in your phone book. (Appears only if a name from your phone book appears on the screen.)

2 Press **Select**.

• CLEAR THE RECENT CALLS LIST

Note: Logged calls that were cleared from a call list cannot be recovered.

1 Press **Menu 2 > 4 (Call log > Clear call lists)**.

2 Scroll to **All** to clear the logged calls from all lists: **Missed**, **Received**, or **Dialed**.

Note: When you clear the **Dialed calls** list, the list that appears when you press talk and a scroll key is also cleared.

3 Press **OK**. If you chose All, enter your security code, then press **OK**.

The logged calls are cleared from the chosen list(s).

• VIEW THE DURATION OF CALLS

View the duration of the last call

Press **Menu 2 > 5 (Call log > Call timers)**. The duration of the last call appears. (If you choose to show the current call timer on the **Start** screen, you can see it during your call. To show it, see "Show/hide the current call timer" on page 32.)

View the total duration of all calls

Your phone uses two timers to record the total duration of all calls:

CALL TIMER

The call timer can be cleared (reset to zero), so it is useful for monitoring how much talk time you have used. It records the total time of all calls since the timer was last cleared. To view the call timer value:

1 Press **Menu 2 > 5 (Call log > Call timers)**.

2 Scroll to **All calls**. The call timer value is displayed.

Note: Your phone has a separate timer for each NAM assigned to your phone. The timer values apply to the currently-selected NAM.

LIFE TIMER

The life timer records the total duration of all calls for the entire life of your phone. This timer cannot be reset. To view the call timer value:

1 Press **Menu 2 > 5 (Call log > Call timers)**.

2 Scroll to **Life timer**. The life timer value is displayed.

• CLEAR (RESET) THE CALL TIMER

Note: After this call timer is cleared, the value cannot be recovered. Before you clear the call timer, record the value.

1 Press **Menu 2 > 5 > 4 (Call log > Call timers > Clear timers)**.

2 Enter your security code, and press **OK**. The timer value is cleared.

• SHOW/HIDE THE CURRENT CALL TIMER

You can show the current call timer on the screen to view during a call.

1 Press **Menu 2 > 5 (Call log > Call timers)**.

2 Press **Details**, and press **Select**.

3 Scroll to **On** (show) or **Off** (hide). Press **OK**.

11 Use advanced calling features

• SET IN-CALL OPTIONS

Your phone allows you to use several features during a call. These features are in-call options.

Note: Many in-call options are network services features that may require a subscription from your service provider.

You cannot use all options at all times. This section explains when you can use a certain option.

1 To access an option during a call, press **Options**.

2 Choose from some or all of the following options:

Touch tones	Allows you to enter a touch tone string manually or search for a string in your phone book.
New call	Allows you to place the call to the third party when making a conference call. See "Make a conference call" on page 36.
Menu	Allows you to access the Menu.
Mute	Allows you to mute the microphone. If your microphone is already muted, **Mute** will change to **End mute**.
Names	Allows you to access the phone book.

• USE NETWORK FEATURE CODES

Call forwarding, **Call waiting**, and **Send own caller ID with next call** are network services available through your service provider. When you subscribe to these services, your service provider gives you a feature code that you store in your phone to activate the service. Your service provider may have stored feature codes in your phone. A separate deactivation code is used to deactivate the service.

The network service name will not appear in the menu until you store the activation code. After you store the activation and deactivation codes, you can use the menu to activate and deactivate the service.

Note: If your phone has more than one phone number programmed into the NAM, stored feature codes apply only to your primary phone number, or NAM 1.

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Store network feature codes

1 Press **Menu 4 > 4 > 5 (Settings > Network services > Network feature setting)**.

2 Enter the feature code (for example,), and press **OK**.

3 Scroll to the service name for that code, and press **Select**.

For example, enter the call forwarding feature code, scroll until the call forwarding option you want to select appears, then press **Select**.

Activate network features

Note: Before you can activate a network feature, you must store the appropriate feature code in your phone.

1 Use the appropriate menu shortcut for the feature you want to activate (**Settings > Network services > feature name**):

- Call forwarding - **Menu 4 > 4 > 2**
- Call waiting - **Menu 4 > 4 > 3**
- Caller ID - **Menu 4 > 4 > 4**

2 Scroll to **Activate**, and press **OK**.

The phone calls the network to confirm activation of the feature. After network confirmation, the feature is available for use.

Deactivate network features

1 Use the appropriate menu shortcut for the feature you want to deactivate (Settings > Network services > feature name):

- Call forwarding - **Menu 4 > 4 > 2**
- Call waiting - **Menu 4 > 4 > 3**
- Caller ID - **Menu 4 > 4 > 4**

2 Scroll to **Cancel**, and press **OK**.

Your phone calls the network to confirm deactivation of the feature. After the network confirms deactivation, the feature is no longer available for use until you activate it again.

• USE CALL WAITING

Note: Call waiting is a network services feature that may require a subscription from your service provider.

During a call, if you receive another call, the call waiting feature causes your phone to beep. Before you can use call waiting, you must store the call waiting feature code and activate the feature. See "Use network feature codes" on page 34.

Note: Call waiting may not be available in all wireless systems.

Contact your service provider for details and availability.

- To answer an incoming call, press talk.
- To switch from one call to another, press talk.
- To end both calls, press end.

• USE CALLER ID

This network service helps identify incoming calls. Contact your service provider for details.

When Caller ID is active, your phone may display the caller's phone number. The caller's name may also display if their name and number has been stored in the phone book or if the wireless network supports it.

Call or **Call-caller ID unavailable** will display when the wireless network doesn't recognize the calling number. Also, **Call-caller ID blocked** may display if the calling party has blocked caller ID.

Note: If you have stored a number more than once in your phone book, and that number is stored each time with a different name, then a name will not appear when someone calls from that number.

Note: See "Use the phone book" on page 22 for details on your phone book.

• MAKE A CONFERENCE CALL

You can add a third party to a call (conference call). During a call:

- Dial the phone number of the third party, then press talk, OR...
- Scroll to the third party's phone number in your phone book, then press talk, OR...
- Press **Options**. Scroll to **New call**. Press **OK**. Enter the phone number. Press **OK**.

When the third party answers, press talk to connect all parties. To end the call with both parties, press end.

Note: To place one party on hold, press talk again. (If you place a party on hold, you cannot rejoin all three parties in the same conversation.) If you press talk a third time, the party you placed on hold rejoins the call, and the second party is placed on hold.

• USE CALL FORWARDING

You can forward incoming calls to another number. Call forwarding is a network services feature that may require a subscription through your service provider.

This procedure assumes that you stored the Call forwarding feature code in your phone and activated the feature. If you have not completed these steps, you may be able to enter the code manually when you forward your calls. Just enter the feature code (for example,) followed by the phone number where you will forward your calls, then press .

1. Press **Menu 4 > 4 > 2 (Settings > Network services > Call forwarding)**.
2. Scroll to the desired call forwarding option:
   - **Forward all calls** - Forwards all incoming calls.
   - **Forward if busy** - Forwards calls only when you're on your phone and do not have voice mail.
   - **Forward if not answered** - Forwards calls if you don't answer. Use this option when you want to give your phone to someone for a short period of time, but you don't want them to answer the phone. For example, you could use this option if you give your child the phone to take out, in case of an emergency, but you still want to receive any incoming calls made to this phone.
   - **Forward if out of reach** - Forwards calls if you are out of the serving wireless network or if your phone is turned off.
   - **Cancel call forwarding** - Cancels call forwarding.
3. Press **Select**.
4. If you chose an option other than **Cancel call forwarding**, enter the phone number where your calls are to be forwarded (or press **Search** to find the number in your phone book). Press **OK**.

   Wait for your phone to call the network and confirm your choice. If your choice is confirmed, the feature is available for use.

• REDIAL AUTOMATICALLY

If you make a call and the line is busy because of problems in the wireless network, your phone can automatically redial the number three times. Press **Menu 4 > 1 > 2 (Settings > Call settings > Automatic redial)**. Scroll to **On**. Press **OK**. To stop a series of redialing attempts, press **Quit** or .

• USE A CALLING CARD

The calling card feature allows you to store calling card information in your phone, making it easy for you to make a calling card call quickly. Your phone can store information for four calling cards.

Determine the dialing sequence for your card

Before you store the calling card information in your phone, determine the dialing sequence for your calling card. This sequence should be printed on your card. If it is not, contact the calling card company:

- **Access no. + phone no. + card no.**
- **Access no. + card no. + phone no.**
- **Prefix + phone no. + card no.**

NOTES

- **Access no.** - This number is usually a 1-800 number that is listed on the back of the calling card.
- **Phone no.** - The phone number of the party you are calling.
- **Card no.** - The unique number for your card. The card may also specify that you enter a PIN number after your card number.
- **Prefix** - Any number(s) that must precede the phone number of the party you are calling.

Store calling card information in your phone

1. Press **Menu 4 > 1 > 3 (Settings > Call settings > Calling card)**.
2. Scroll until the name of the card you want to enter or edit appears. By default, the card names are **A**, **B**, **C**, and **D**, but you can change the names. Press **Options**.
3. Scroll to **Edit**, and press **OK**.
4. Enter your security code, and press **OK**.

   Dialing sequence appears.
5. Press **Select**.

6 Determine the dialing sequence for your card. Scroll the list of dialing sequences until the one you want appears, then press **Select**.

7 When you are prompted, enter the information (access number, card number, or prefix number). After entering each number, press **OK**.

At the access number prompt, if your access number is entered in your phone book, press **Search** to retrieve it quickly.

8 When you finish entering the calling card information, **Save changes?** appears. Press **OK**.

9 Scroll to **Card name**, press **Select**, and enter a card name.

10 Press **OK**.

Choose a calling card to use

Note: If information for only one calling card is stored in your phone, you are not required to choose a calling card.

1 Press **Menu 4 > 1 > 3 (Settings > Call settings > Calling card)**.

2 Scroll until the name of the calling card appears, and press **Options**.

3 Scroll to **Select**, and press **OK**.

4 Enter your security code, and press **OK**.

The message **Card ready for use** appears.

Make a calling card call

Note: This procedure may not apply to all calling card options. For more information, refer to your calling card or contact your calling card company.

1 At the **Start** screen, enter the phone number of the party you are calling. Include any necessary prefix, such as 0 or 1, that is specified by your calling card.

2 Press and hold

until the message **Card call** appears.

3 When the message **Wait for tone, then press OK** appears, listen for the tone from your calling card service, then press **OK**. When the message **Wait for tone, press OK again** appears, listen for the tone, then press **OK**.

• CHOOSE TO BLOCK CALLER ID

In most service areas, when you call someone, their caller ID system allows them to see your name and phone number. Your phone is set to allow this information to be seen automatically. Before you make a call, you can choose to block caller ID and prevent the recipient from seeing your name and phone number.

NOTES

- This feature works on a per-call basis, so you must perform this procedure before each call where you want to block caller ID.
- While roaming, you may not be able to block caller ID.
- The following procedure assumes that you have stored the **Send own caller ID** feature code in your phone and activated the feature. If you have not completed these two steps, you may be able to block caller ID manually. To block caller ID manually, enter the code (for example,

followed by the phone number that you're calling, then press

.

1 Press **Menu 4 > 4 > 4 (Settings > Network services > Send own caller ID with next call)**.

2 Highlight **Yes** (to show your number) or **No** (not to show your number). Press **OK**.

3 Enter the number you are calling (or press **Search** to retrieve the number from the phone book), and press **OK**. Press **OK** again.

Your phone makes the call and requests that the network block caller ID to prevent the recipient of your call from seeing your name and phone number.

• SELECT A PHONE NUMBER

You can use two different phone numbers with your phone. Each phone number is used for a different service area.

- When activating your phone, the service provider sets up your phone with account information (phone number and system information).

- However, your phone can be activated in up to two different service areas. For example, your phone could be activated in Dallas and New York. Each service area assigns a different phone number or account to your phone.

You must select a phone number for your home system. If you travel outside your home system, you can choose another number. Only one phone number can be active at a time.

Note: You may not need two numbers for your phone if your service provider has service or roaming agreements for each area where you use your phone. Contact your service provider for details.

Select the phone number

1 Press **Menu 4 > 4 > 6 (Settings > Network services > Own number selection)**.

2 Scroll to the phone number you will use, and press **OK**.

Note: The first phone number on this list is the currently selected number. You need at least one active number to make calls. You cannot change from one phone number to another during a call.

Select digital or analog

Your phone can work in both digital and analog modes. The default mode is digital and analog, which appears on your phone as **Digit. & analog** when you press **Menu 5 > 4 > (Settings > Digital/analog selection)**.

Note: This feature is available only for certain phones. Contact your service provider for more information.

This means that your phone uses both digital and analog voice channels. The phone tries to find a digital voice channel first. If a digital voice channel is not available, the phone looks for an analog voice channel.

• SET TOUCH TONES

Touch tones are sounds produced when you press the phone keys. Sometimes, touch tones are called *DTMF tones*.

You can use touch tones for many automated services such as checking bank balances and airline schedules and using your voice mailbox. Touch tones can be sent only when a call is active.

Set manual touch tones

1 Press **Menu 4 > 2 > 3 > 1 (Settings > Phone settings > Touch tones > Manual touch tones)**.

2 Select one of the following options, then press **OK**:

Continuous	The tone sounds as long as you press and hold a key.
Fixed	Sets the tone length to 0.1 second, regardless of how long you press a key.
Off	Turns off tones; no tone is sent when you press a key.

Set touch tone length

You can also set the length of each touch tone:

1 Press **Menu 4 > 2 > 3 > 2 (Settings > Phone settings > Touch tones > Touch tone length)**.

2 Scroll to **Short** (0.1 second) or **Long** (0.5 second).

3 Press **OK**.

Store touch tone sequences (strings)

You store touch tone strings the same as you store names and numbers. You can store a digit sequence to send as touch tones.

STORE TOUCH TONE STRINGS WITH PHONE NUMBERS

1 Enter the phone number that you want associated with a touch tone.

2 Press **w** (wait) or **p** (pause) where needed.

w (wait): When you specify wait, your phone dials the number, then waits (because you chose w) for you to press **Send**. When you press **Send**, the phone sends your touch tone.

p (pause): If you include a p character, your phone pauses for 2.5 seconds, then automatically sends your touch tone.

3 Enter the touch tone string.

4 Store the number as you normally would.

SEND A TOUCH TONE STRING

1 Press **Menu 4 > 2 > 3 > 1 (Settings > Phone settings > Touch tones > Manual touch tones)**.

2 Verify that the setting is not set to **Off**. (If so, select a different option. Press **OK**.)

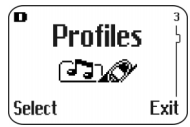
3 During your call, press **Options**. Scroll to **Touch tones**. Press **OK**.

4 Enter or recall the touch tone string from the phone book. Press **OK**.

Warning: If you send touch tones while in the analog mode, be careful not to send confidential information.

12 Customize your phone

• UNDERSTAND PROFILES



A profile is a "set of settings" you can use to customize the way your phone works. You can set your preferences for these items:

- Ringing options
- Ringing volume
- Ringing tone
- Vibrating alerts
- Warning & game tones
- Message alert tone

Your phone comes with seven profiles:

- **Normal** (default setting)
- **Silent**
- **Meeting**
- **Outdoor**
- **Pager**
- **Handsfree** (available only with a handsfree device)
- **Headset** (available only with headset)

You can customize any of the profiles. If at any time you want to return to the original settings, you can do so.

• SELECT A PROFILE

Quickly press **Power Key** . Scroll to highlight a profile. Press **OK**. (To select a profile, your phone cannot be connected to a handsfree device, and the screen must be displayed.)

• CUSTOMIZE A PROFILE

1 Press **Menu 3 (Profiles)**.

2 Scroll to highlight a profile.

Note: The **Handsfree** and **Headset** profiles do not appear unless your phone has been connected to these accessories. If you connect your phone to a handsfree device, these profiles remain in the menu, unless you choose to restore your phone's factory settings.

3 Press **Options** to view the options for the selected profile.

4 Select one of the following options, then press **OK**.

Select	Activates the currently highlighted profile.
Customize	Enables you to customize a profile by changing the current settings. Press **OK** to choose from several lists.
Rename	Enables you to rename the profile. This option is not available for **Normal**, **Headset**, or **Handsfree** profiles.

Note: When you change a current profile setting, it affects only that profile. Your phone's normal settings do not change.

Set ringing options

You can choose the tone that notifies you of an incoming call. This setting does not change the alert tone for when you receive a mobile message.

1 Press **Menu 3 (Profiles)**.

2 Scroll to the profile where you want to set the ringing options, and press **Options**.

3 Highlight **Customize**, and press **OK**.

4 Scroll to **Ringing options**, and press **Select**.

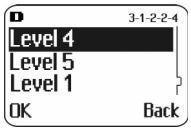
5 Scroll to highlight the desired ringing option, then press **OK**.

- **Ring** - This is the normal ring.

- **Ascending** - The ringing volume increases (gets louder) with each ring.
- **Ring once** - The phone rings once (helps prevent disturbing others).
- **Beep once** - The phone beeps once (helps prevent disturbing others).
- **Silent** - The phone makes no sound.

Set the ringing volume

You can set the default ringing volume for incoming voice calls and message alert tones.



1. Press **Menu 3 (Profiles)**.
2. Scroll to the profile where you want to set the ringing volume. Press **Options**.
3. Highlight **Customize**, and press **OK**.
4. Scroll to **Ringing volume**, and press **Select**.
5. Scroll through the options. When you hear the volume level you wish to use, press **OK**.

   Note: As you scroll through the ringing options, you can listen to a sample of each. Although the sample for level 4 and level 5 are the same, ringing level 5 produces very loud ringing.

The ringing volume setting is stored individually for the handsfree device and the headset.

Set the ringing tone

You can set your phone's ringing tone to a specific sound—or tune—for incoming voice calls.

Note: If you have already chosen a ringing option of either **Silent** or **Beep once**, the ringing tones are already turned off.

1. Press **Menu 3 (Profiles)**.

   Your phone lists each profile.
2. Scroll to the profile where you want to set the ringing tones.

3 Press **Options**.

4 Highlight **Customize**, and press **OK**.

5 Scroll to **Ringing tone**, and press **Select**.

6 Scroll to the ringing tone you want to use, and press **OK**.

Set a vibrating alert

You can set your phone to vibrate when you receive a voice call. This feature is one of the settings in your phone's profiles:

1 Press **Menu 3 (Profiles)**.

2 Scroll to the profile to be set the vibrating alert. Press **Options**.

3 Highlight **Customize**, and press **OK**.

4 Scroll to **Vibrating alert**, and press **Select**.

5 Scroll to **On**, and press **OK**.

The phone does not vibrate if it is connected to or in a charging device.

Set keypad tones

You can set the volume of the tone you hear when you press the keys on your phone.

1 Press **Menu 3 (Profiles)**.

2 Scroll to the profile for which you want to set the keypad tones. Press **Options**.

3 Scroll to **Customize**, and press **OK**.

4 Scroll to **Keypad tones**, and press **Select**.

5 Scroll to highlight the desired level (or **Off**), and press **OK**.

Set warning and game tones

You can set warning tones and game tones used in your phone:

Warning tones include the sounds for error conditions, confirmations, low battery, and need to recharge. *Game tones* are the sounds made during game play.

To turn warning tones on and off:

1 Press **Menu 3 (Profiles)**.

Your phone lists each profile.

2 Scroll to the profile you want to change, and press **Options**.

3 Scroll to **Customize**, and press **OK**.

4 Scroll to **Warning and game tones**, then press **Select**.

5 Scroll to **On** or **Off** and press **OK**.

Set the message alert tone

You can set your phone to use a certain tone to indicate an incoming text message.

1 Press **Menu 3 (Profiles)**.

2 Scroll to the profile for which you want to set the message alert tone. Press **Options**.

3 Highlight **Customize**, and press **OK**.

4 Scroll to **Message alert tone**, and press **Select**.

5 Scroll through your choices. The phone plays a sample of each choice as you scroll to it.

6 When you find the tone you want, press **OK**.

Set your phone to answer automatically

You can set your phone to answer incoming voice calls after one ring while the phone is connected to an approved handsfree device.

Note: The Handsfree profile will not appear in your phone until you have connected an approved handsfree device to your phone at least once.

1 Press **Menu 3 (Profiles)**.

2 Scroll to the **Handsfree** or **Headset** profile, and press **Options**.

3 Scroll to **Customize**, and press **OK**.

4 Scroll to **Automatic answer**, and press **Select**.

5 Scroll to **On**, and press **OK**.

Set the lights (handsfree device only)

While your phone is connected to a handsfree device, you can specify either of two settings for the lights:

- Lights on only when you use the phone
- Lights on the entire time the phone is connected to the device

Note: This feature works only when your phone is connected to a handsfree device.

1. Press **Menu 3 (Profiles)**.
2. Scroll to **Handsfree profile**, then press **Options**.
3. Highlight **Customize**, and press **OK**.
4. Scroll to **Lights**, and press **Select**.
5. Scroll to **Automatic** or **On**, and press **OK**.
   - **Automatic** – If no keys are pressed, the lights go off after 30 seconds.
   - **On** – The lights stay on the entire time that your phone is connected to the handsfree device.

• RENAME PROFILES

Note: You cannot rename the **Normal** and **Headset** profiles.

1. Press **Menu 3 (Profiles)**.
2. Scroll to the desired profile, and press **Options**.
3. Scroll to **Rename**, and press **OK**.
4. Enter the new name, and press **OK**.

• RESTORE FACTORY SETTINGS

You can change the default (factory) settings for your phone. Later, you can restore the original settings when needed.

Note: The memory, timers, language selection, security code, and lock codes are not reset. However, any profiles you modified are reset when you restore your settings.

1 Press **Menu 4 > 2 > 4 (Settings > Phone settings > Restore factory settings)**.

2 Enter your security code, and press **OK**.

• CHOOSE A DISPLAY LANGUAGE

You can choose which language is displayed on your phone.

1 Press **Menu 4 > 2 > 5 (Settings > Phone Settings > Language)**.

2 Select the language to use, and press **OK**.

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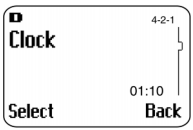
• SET AND DISPLAY THE CLOCK

Your phone contains a real-time clock that can be set two different ways:



- To use the time and date provided by the wireless system
- To be set manually

You can display the time and date on the **Start** screen as described in "Set the alarm clock" on page 98.

Choose the format of the displayed time

You can choose to display the clock in 24-hour or **am/pm** format.

1 Press **Menu 4 > 2 > 1 (Settings > Phone settings > Clock)**.

2 Scroll to **Time format**, and press **Select**.

3 Scroll to the desired time format (**24-hour** or **am/pm**). Press **OK**.

Note: For **am/pm** format, a small square appears to the right of the displayed time. Square at top = am, square at bottom = pm.

Allow the network to set the clock

1 Press **Menu 4 > 2 > 1 (Settings > Phone settings > Clock)**.

2 Scroll to **Time settings**, and press **Select**.

3 Scroll to **Set by network**, and press **Select**.

NOTES

- If you are outside your network and allow the network to set the clock, you will be prompted to set the clock manually. When you re-enter your network, the network automatically sets the date and time.
- If you are outside your network and you remove the battery (or battery becomes discharged), you will be prompted to set the clock manually when you install or recharge the battery.

Manually set the clock

By default, the clock is automatically set by the wireless network. You can override the network and set the clock manually.

1 Press **Menu 4 > 2 > 1 (Settings > Phone settings > Clock)**.

2 Scroll to **Time settings**, and press **Select**.

3 Scroll to **Set clock**, and press **Select**.

4 Enter the current time.
For example, to enter 7:30, enter 0730. Press **OK**.

5 Scroll to am or pm, and press **OK**.

Display or hide the clock

1 Press **Menu 4 > 2 > 1 (Settings > Phone settings > Clock)**.

Depending on the current setting, either **Hide time/day** or **Show time/day** will be highlighted.

2 Press **Select**.

• ADD A WELCOME NOTE

You can set your phone to display a welcome note each time you switch on your phone. This note could say, for example: **Hello**. It could include your name, a reminder, or more. The maximum length of this note is 36 characters.

1. Press **Menu 0 > 1 > 3 (Messages > Welcome note)**.
2. Enter the text of the welcome note.

   Characters you enter are added to the left of the cursor.

   - To delete characters to the left of the cursor, press **Clear**.
   - To move the cursor, press or .
3. Press **Options**.
4. Scroll to **Save**, and press **OK**.

   To delete (erase) the welcome note, press **Menu 0 > 1 > 3 (Options > Erase > OK)**.

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USE ONE-TOUCH DIALING

You must store names and numbers before using one-touch dialing. You can assign a name from the phone book to one-touch dialing, using keys 2 through 8. When you press the key, the number is automatically dialed.

- **Keys 1 and 9**: The 1 key is used exclusively to dial your voice mailbox. The 9 key is used exclusively to make calls to the emergency number that is programmed into your phone.
- **Key 2**: Some service providers designate this key to dial a customer care operator. Your service provider can tell you if this service is available to you. You can assign a one-touch dial location to the 2 key.

Assign a name or number to a one-touch dial key

1. Press **Names** and scroll to **one-touch dialing**.
2. Press **Select**.
3. Scroll to a number that has the message **(empty)**, and press **Assign**.
4. Scroll to the name and number to which you want to assign this key. Press **Select**. Repeat these steps as many times as necessary.

To call a number using one-touch dialing, press and hold the appropriate key for a few seconds. The phone dials the number.

Change one-touch dialing numbers

After you have assigned a one-touch dialing number to a key, you can change key and number associations at any time.

1. Press **Names**.
2. Scroll to **one-touch dialing**, and press **Select**.
3. Scroll to the key you want to change, and press **Options**.
4. Scroll to **Change**, and press **Select**.
5. Scroll through the phone book.
6. When you reach the new number, press **Select**.

Erase one-touch dialing numbers

You can erase one-touch dialing key assignments at any time.

1. Press **Names**.
2. Scroll to **one-touch dialing**, and press **Select**.
3. Scroll to the key you want to erase, and press **Options**.
4. Scroll to **Erase**, and press **Select**.
5. Press **OK**.

• USE EMERGENCY KEY 9

The emergency key 9 feature allows you to dial the official emergency number quickly (for example, 911) that is programmed into your phone. Before you can use this feature, you must activate it.

NOTES

- Depending on your service provider, it may not be possible to use the emergency key 9 feature to make an emergency call if: the feature has not been activated; Keyguard is active (see "Activate keyguard" on page 58 .); your phone is locked (see "Lock and unlock your phone" on page 57.); or you set up a call restriction that will not allow the call (see "Restrict outgoing calls" on page 60.).
- Depending on your service provider, you may be able to make an emergency call manually by entering the emergency number at the screen and then pressing , regardless of your phone settings.
- For more safety information about making emergency calls, see "Emergency calls" on page 107.

Activate or deactivate emergency key 9

1 Press **Menu 4 > 1 > 1 (Settings > Call settings > Emergency key 9)**.

2 Scroll to **On** (activate) or **Off** (deactivate). Press **OK**.

Make an emergency call

There are two ways to use the emergency key 9 feature to make an emergency call:

- Press , then .
- Press and hold until the phone indicates it is attempting to make an emergency call.

When you make an emergency call, your phone changes to emergency call mode. If you exit this mode, emergency operators may not be able to contact you. Keep your phone in emergency call mode until emergency personnel arrive on the scene.

In emergency call mode, some menu items may not be available. To exit emergency call mode, at the **Start** screen, press **Exit**. When the question **Restore normal service?** appears, press **OK**.

• IDENTIFY CALLERS BY CUSTOM RINGING TONES

You can assign a ringing tone to an entry in your phone book, allowing you to identify the caller by the tone you hear when they call.

To use this feature, you must subscribe to the Caller ID service that is available from your service provider.

If a caller blocks Caller ID, your phone will use the **Normal** ringing tone instead of the custom tone. If the ringing option for the current profile is set to **Silent**, your phone will not ring with a normal tone or a custom tone.

Twenty of the entries in your phone book can have a custom tone assigned to them. Assign these custom tones with this procedure:

1. In your phone book, find the entry where you will assign the custom ringing tone.
2. Press **Details**, then **Options** (or, if the scrolling view for your phone book is set to **Name+number**, just press **Options**).
3. Scroll to **Custom tone**, and press **Select**.
4. Scroll through the ringing tones list until the desired tone is highlighted.
   - If you wait a moment while a tone is highlighted, your phone will play the tone.
   - To remove assignment of the custom tone from the entry, select **Default**.
5. Press **OK**.

• PRESS ANY KEY TO ANSWER A CALL

1. This feature allows you to answer an incoming call by pressing any key except the End key

or the Power key . The default setting for this feature is **On**. To enable or disable Anykey answer, press **Menu 4–1–4**.

13 Security

A security code, a phone lock feature, and a call restriction feature prevent unauthorized use of your phone. A keypad lock prevents unintended key presses, such as when your phone is in your purse or pocket.

• CHANGE YOUR SECURITY CODE

Important:

The default security code is **12345**. Nokia highly recommends that you immediately change this code, write down the new code, and store it in a safe place, away from your phone. You cannot activate or use certain phone features until you successfully enter your security code.

When you enter your security code, an asterisk (*) appears on the screen each time you press a number key, preventing others from seeing your code. If you enter the wrong code five times in a row, your phone won't accept any entries for the next 5 minutes.

1. Press **Menu 4 > 3 > 2 > 4 (Settings > Security settings > Access codes > Change security code)**.
2. Enter the security code. (The default code is **12345**.) Press **OK**.
3. Enter the new code. To prevent accidental emergency calls, don't enter a code that is similar to an emergency number. Press **OK**.
4. To verify your new security code, enter it again. Press **OK**. The message **Security code changed** appears. Store your new code in a safe place, away from your phone.

• PROTECT YOUR PHONE WITH PHONE LOCK

You can lock your phone to prevent others from using it. When someone tries to use it, they will be required to enter a lock code.

Tip: If you save an unlocked phone number, you can make calls to that number without entering the lock code.

Important:

The default lock code is **1234** (or the last four digits of your phone number, depending on your service provider). Nokia highly recommends that you immediately change this code, write down the new code, and store it in a safe place, away from your phone.

When you enter your lock code, an asterisk (*) appears on the screen each time you press a number key, preventing others from seeing your code. If you enter the wrong code five times in a row, your phone will prompt you for the security code.

Lock and unlock your phone

1. Press **Menu 4 > 3 > 2 > 1** (**Settings > Security settings > Access codes > Phone lock**).
2. Enter the lock code, and press **OK**.
3. Scroll to **On** (lock) or **Off** (unlock). Press **OK**. If you choose to lock your phone, it will be locked when you switch it off. When you turn it back on, you must enter the lock code before you can use the phone.

Note: When your phone is locked, it may not be possible to make an emergency call. (See "Make an emergency call" on page 54.)

Store an unlocked phone number

If you store an unlocked phone number, you can make calls to that number without entering the lock code.

1. Press **Menu 4 > 3 > 2 > 2** (**Settings > Security settings > Access codes > Unlocked phone number**).
2. Enter the lock code. Press **OK**. The **Number** field appears.
3. Enter a phone number (or press **Search** to find the number).
4. Press **Options**.
5. Scroll to **Save**, then press **OK**.

Call an unlocked phone number

- Press or once, then , OR...
- At the **Start** screen, enter the phone number. Press .

Answer a call while the phone is locked

Press any key except or .

Change your lock code

1 Press **Menu 4 > 3 > 2 > 3 (Settings > Security settings > Access codes > Change lock code)**.

The message **Enter lock code appears.**

2 Enter the lock code. (The default lock code is 1234, or the last four digits of your phone number, depending on your service provider.) Press **OK**.

3 Enter the new lock code. Only numeric characters are accepted. To prevent accidental emergency calls, don't enter a code that is similar to an emergency number.

4 Press **OK**.

5 Verify the new lock code, and press **OK**. Store your new code in a safe place, away from your phone.

• USE KEYGUARD TO LOCK THE KEYPAD

The Keyguard feature lets you lock the keypad to prevent accidental key presses while your phone is in a pocket or purse. If you press a key while Keyguard is activated, a message appears: **Press Unlock and then ***.

Activate keyguard

- Press and hold until **Keys locked** appears. (If you do this during a call, the call will end.), OR...
- At the Start screen, press **Menu** , OR...
- At the **Start** screen, press **Menu 1 > 0**, OR...
- At the **Start** screen, press **Menu**. Scroll to **Keyguard**, and press **Select**.

Deactivate keyguard

- Press **Unlock.**, then , OR...
- Press and hold until **Unlock keys?** appears. Press **OK**.

Answer a call while keyguard is active

- Press , OR...
- If Anykey answer is set to **On**, press any key except or . (During an incoming call, Keyguard is automatically deactivated. When you end the call, Keyguard is automatically activated again.)

NOTES ABOUT KEYGUARD

- While Keyguard is active, depending on your service provider, it might not be possible to use the Emergency key 9 feature to make an emergency call. However, it may be possible to make the call by manually entering the number and then pressing . While entering the number, none of the characters will appear on the screen until you enter the last one.
- When you connect your phone to a handsfree device other than a headset, keyguard is automatically deactivated. When disconnected from the device, it is automatically activated.
- Before you turn off your phone, you must deactivate Keyguard.
- While Keyguard is active, press the Power key to switch the lights on quickly for 30 seconds.

• RESTRICT CALLS

You can restrict incoming and outgoing calls. To restrict outgoing calls, you create a list of restrictions and apply the appropriate restriction.

For outgoing calls, only one restriction option is available:

Add restriction, which enables you to create your own list of outgoing call restrictions. The maximum number of call restrictions you can define is ten.

After you have used the **Add restriction** option to add at least one restriction, the following options are then available:

- **Select**: Allows you to set call restrictions from the outgoing calls list.
- **Edit**: Allows you to edit an existing outgoing call restriction.
- **Erase**: Erases any existing outgoing call restrictions.

The **All calls** option cannot be erased; therefore, this option does not appear in the list of restrictions to be deleted.

Depending on the type of restriction, you may not be able to use the emergency key 9 feature to make an emergency call. However, you may be able to make the call manually by entering the emergency number and then pressing

.

Restrict outgoing calls

1 Press **Menu 4 > 3 > 1 (Settings > Security settings > Restrict calls)**.

2 Press **Select**.

3 Enter your security code, and press **OK**.

4 Scroll to **Add restriction**, and press **OK**.

5 Enter the number you want to restrict, and press **OK**.

For example: If you want to restrict all calls that begin with 1, enter 1. This will restrict all outgoing long distance phone calls. If you want to restrict all calls that begin with 972, enter 972, and so forth.

After you perform step 5, the **Name** field appears.

- If you want to add a name for the call restriction, enter the name using your phone's keypad. Press **OK**.
- If you don't want to add a name, simply press **OK**.

Restrict incoming calls

To restrict incoming calls:

1. Press **Menu 4 > 3 > 1 (Settings > Security settings > Restrict calls)**.
2. Scroll to **Restrict incoming calls**, and press **Select**.
3. Enter your security code, and press **OK**.
4. Scroll to **All calls**, and press **Mark**.

   Press **Unmark** to remove an already-set restriction.
5. Press **Back**.

   The **Save changes?** message appears.
6. Press **Yes**.

   Press **No** if you do not want to save the changes.

14 Select System

The **System** menu **(Menu 5)** allows you to customize the way your phone chooses a system in which to operate while you are "roaming" (using your phone outside your primary or "home" system). Your choice of a system affects the type and amount of charges you incur. By default, your phone is set to automatically search for the most cost-effective system while roaming. If your phone can't find a preferred system, it uses a system based on the option you choose in the System menu.

Note: Before selecting an item in the System menu, contact your service provider to find out how your selection will affect your service charges.

Roaming

Roaming occurs when you use your phone outside its home area. While roaming, another service provider's system handles your call, so the service rate for the call is usually higher than the rate for calls made within your home area. While roaming, the word **Roaming** and the roaming indicator ( ) appear on the Start screen.

Note: In some systems, you may need to have a roaming agreement to place a call. If no roaming agreement has been arranged, a network operator may interrupt and request information on how you intend to pay for the call.

Service types

In each wireless service area there are usually two service providers, referred to as type **A** and type **B**. When you first set up your wireless service account, your service provider will inform you of which system you will be using (usually type **B**). This is your home system. The other system (for example, type **A**) is known as a non-home-type system.

System choices

If you have more than one phone number (NAM), your choice affects only the currently selected number. Select Menu 5 and select from the following choices.

Note: System choices may differ, depending on service provider.

- **Home area**: Your phone cannot roam. This means you can make and receive calls in your home area only. While roaming, **No Service** appears and you will not be able to make or receive calls.
- **Automatic A**: Your phone searches for system A. If system A is not available, it searches for an available analog system.
- **Automatic B**: For most service providers, this is the default selection. Your phone searches for system B. If system B is not available, the phone searches for an available analog system.
- **Analog**: Your phone searches for an available analog system. If an analog system is not available, **No Service** appears. While **Analog** is selected, if you switch your phone off and back on, your phone will automatically be reset to **Automatic B**.

15 Send and receive mobile messages

When you have mobile (text) messaging service, you can receive messages on the screen and send messages to e-mail addresses and phone numbers.

Note: Before you send or receive mobile messages, you may need to subscribe to the messaging service offered by your service provider. Some networks may not support mobile messaging.

The message types vary by service provider. Your phone automatically creates the types of messages supported by your service provider:

- **Text**: A text message can include text and a call-back number.
- **Number only**: A number-only message is like a numeric page. A call-back number (the sender's phone number) appears on the recipient's pager or phone screen.

A message contains both a header and the body. The header may have the sender's phone number or e-mail address and the date and time of the message. If you have a phone book entry that matches the sender's phone number, the sender's name also appears. The body contains the main part of the message. If you receive a message sent by e-mail, the subject (title) may appear at the beginning of the message body.

• ABOUT WRITING MESSAGES

Traditional or Predictive Input

You can write text messages with standard input or predictive text input.

- **Traditional (multitap) input method:** This is the default mode. This method requires that you press some keys more than once (multitap). For example, to enter the letter c, you must press

three times. See "Enter characters (except in a phone number field)" on page 20.

- **Predictive text input method**: In the predictive text mode, your phone "guesses" which word you are entering. This mode requires that you press a key only once for each letter you enter.

Note: To learn more about using Predictive Text when creating messages, see *"Working with predictive text input"*

Write a new message

1 Press **Menu 0 > 1 > 1 (Messages > Text messages > Write new)**.

If **Text** and **Number only** appear in a list of menu items, scroll to **Text**, press **Select**, and go to the next step.

If these items are not on your menu, proceed to the next step.

2 You may address your message or write it first and address it later.

- To address your message, scroll to **Add e-mail** or **Add number**, then press **Select**.
- To begin writing your message, scroll to **Edit** message, then press **Select**. The terms writing and editing refer to the process of entering text into a text message.

After you have written your message, you can:

- Address and send it.
- Save the message in the **Outbox** and address and send it later.

(Press **Options**, scroll to **Save**, then press **Select**).

Enter text into a message

A counter in the top right corner of the screen indicates the number of remaining characters that you can enter into your message.

Caution: While editing a message, if you accidentally press and hold **Clear**, all text within your message will be deleted.

To exit the message editor at any time without saving your text, press **Options**, scroll to **Exit**, then press **Select**.

Key	Characters	Key	Characters
1	. , @ ' ? ! -1	7	PQRS7
2	ABC2	8	TUV8
3	DEF3	9	WXYZ9
4	GHI4	0	Enters an empty space or 0
5	JKL5	*	Special characters
6	MNO6	#	Changes letter case; long press toggles between ABC/abc & 123 mode

Change the text input method

To switch (toggle) between predictive and traditional text input modes while you are editing a message, press the Pound key several times until the icon indicates the mode you want to use. You must activate predictive text before you will be able to toggle between the two modes.

Tip: If you don't want to use predictive text input mode at all, deactivate it. You can reactivate it later.

15

• WORKING WITH PREDICTIVE TEXT INPUT

The predictive text feature is based on a built-in dictionary to which you can add words. Your phone includes several different language versions of this dictionary. Although your phone can display a given language on the screen, it may not have a predictive-text dictionary of that same language.

By default, your phone is set in the traditional text input mode. Before you can use the predictive text input method, you must first activate the predictive text mode.

Activate predictive text mode

Predictive text mode is active when the predictive text icon ( ) is present at the top of the screen. If the icon does not appear, predictive text mode has been deactivated.

To activate the predictive text mode while editing a message:

1. Press **Options**.
2. Scroll to **Predictive text**.
3. Press **Select**.
4. Scroll until the language you want appears, then press **OK**.

Deactivate predictive text mode

To return to the traditional text input mode, you must deactivate the predictive text input mode:

1. While editing a message, press **Options**.
2. Scroll to **Predictive text**. The language list displays.
3. On the language list, scroll to **Prediction off** and press **OK**. Your phone is now in traditional (multitap) mode.
4. You can also use multitap on the pound key (**#**) to go to traditional text in a message.

Add words to the dictionary

1. If the **?** character appears after the word, press **Spell**, or at any time while you are editing, press **Options**, scroll to **Insert word**, then press **Select**.
2. Enter the word using traditional text input, and press **OK**. If the dictionary is full, the new word replaces the oldest added word.

Change the dictionary language

You can change the dictionary language while you are editing a message:

1 While editing a message, press **Options**.

2 Scroll to **Predictive text**, then press **Select**.

3 Scroll to a language, then press **OK**. The selected language is active.

• WRITE WITH PREDICTIVE TEXT INPUT

Enter words

1 Press each key only once for each letter of the word. For example, to write hello, press **4 > 3 > 5 > 5 > 6**. The characters that you enter appear underlined. The word changes after each keystroke, so only check the word after you press all the appropriate keys.

2 When you finish the word, check to make sure that the word is correct.

3 If the word is correct, enter a space (press the 0 key) and write the next word.

4 If the word is incorrect and is underlined, press the Star key ( ) repeatedly until the desired word appears. OR, press **Options**, scroll to **Matches**, then press **Select**. Your phone shows a list of words. Choose a word from the list, then press **Use**, or press **Back** to exit and return to the message editor.

5 If the **?** character appears after the word, there are no more words in the dictionary that correspond to your key presses. At this point, you can add the word to the dictionary by pressing **Spell**.

Writing compound words

To write a compound word quickly (for example, *bluejay*):

1 Write the first part of the word (*blue*).

2 Press (do not enter a space). The underline disappears from the first part.

3 Write the second part of the word (*jay*).

Deleting characters

When you need to delete characters use one of these methods:

- To delete one character to the left of the cursor, press **Clear**.
- To delete all characters in the message, press and hold **Clear**.

Changing letter case modes

You can switch (toggle) between uppercase **ABC** and lowercase **abc** letter mode by pressing the Pound key #⇧.

If the predictive text mode is active and you don't wait at least 1.5 seconds between key presses, the text input mode will also be switched between traditional and predictive text.

If predictive text mode is active when you create a new message, the first letter of the first word that you enter will be uppercase.

Entering numbers

When you enter numbers, use either of these methods:

- For one or a few numbers, press and hold the respective number key.
- For many numbers, change to number entry mode **123** (press and hold the Pound key #⇧) and enter the numbers as usual.

Inserting special characters

- To insert a special character (such as a punctuation mark), press and hold the Star key #⇧, or press **Options**, scroll to **Insert symbol**, then press **Select**.
- To insert a period (**.**) quickly, press the 1 key 1. To insert double hyphens (**--**) quickly or three dots (an ellipsis **...**), press the 1 key 1 a few times.

Templates

Note: Templates are available in English only.

A template is a predefined, commonly used sentence that you can quickly insert into a message:

1 While you are editing a message, press **Options**.

2 Scroll to **Add template**, then press **Select**.

3 Scroll to the template you want to use. For example:

1. Call me at [ ]. <phone number/time/place>

2. I'll call you at [ ]. <time/place>

Brackets ([ ]) in a template represent a value that you can specify. The value is not retained for future use; you enter the value each time you use the template. If you select a template that contains brackets, you will be prompted to enter a value. You can edit the template text after you insert it into your message.

• RECEIVE A MOBILE MESSAGE

When you receive a mobile message, the mobile message icon appears and **Message received** (or **New emergency message**) displays. If you have a message alert tone set, a tone may sound.

When you receive notification, you can:

1 Press **Clear** to dismiss the notification and read the message later from your Inbox.

OR

Press **Read to** read the message now.

The Inbox opens with the new message selected.

If **No space: message waiting** or a similar message appears, your phone's memory is full. You must make room for the message. Press **Read** again.

If necessary, scroll to read the entire message.

2 At the end of the message, scroll further to view the sender's name or phone number and the date and time the message was received.

When you've seen the last new message, the icon disappears.

• MESSAGE OPTIONS

While reading a message, you have several options. Some of these options may not be available for some types of messages:

Erase deletes the message. Press **OK** to confirm the deletion or **Clear** to cancel.

Reply allows you to send a return message to the sender.

Save sends the message to the **Saved** folder.

Use number allows you to call quickly or save a phone number included in the message. If more than one number was included, a list of numbers displays.

To save the number:

a) Read the message and scroll until the number you want to save is visible.

b) Press **Options**, scroll to **Use number**, and press **Select**.

If one phone number appears on the screen, press **Call** (or press , then **Save**).

If a list of numbers appears, scroll to a number, press **OK**, then press **Call** (or press , then **Save**).

Save address extracts one or more e-mail addresses from the message (if it contains any) and allows you to save the addresses in your phone book.

Forward allows you to send the message to another recipient. For more information about forwarding a message, see *"Forward a message" on page 77*.

Reply w/ copy allows you to send a message back to the sender. Your message will include a copy of the message you received.

• MESSAGE STORAGE

Your phone can store about 60 messages. All folders share the memory, so the actual number of stored messages depends on the message length. Three folders store your messages:

- **Inbox**: All messages that you received and have not erased or saved.
- **Outbox**: Messages that you sent or created and saved to send later.
- **Saved**: Messages that you saved from the **Inbox** or **Outbox**.

If the memory is full when you receive a mobile message:

- Non-emergency Message: The oldest sent message in the **Outbox** folder is deleted. Drafts or unsent messages are not deleted. If there are no sent messages in the **Outbox** folder, the oldest read message in the Inbox folder is deleted. If there are no read messages in the **Inbox**, **No space: message waiting** or a similar message appears. This message prompts you to delete messages from one of the folders. The network resends the message later.
- Emergency Message: An emergency message, sent only by a network operator, follows the procedure for a nonemergency message and adds an additional safeguard. For the emergency message, other messages in the **Inbox**, **Outbox**, and **Saved** folders may also be automatically deleted if your phone's memory is full.

• CREATE A TEXT MESSAGE

Address a text message

Use this procedure to address your message to one or more recipients:

1. You must be editing the message that you want to address:
   - If you are in **Edit** message, press **Options**, then go to the next step.
   - If you are not in **Edit** message (for example, you wrote the text message and saved it to send later), open the **Outbox** (**Menu 0 > 1 > 1 > 3**). Scroll to the message you want to address. Press **Options**. Scroll to **Resend**. Press **Select**. Go to the next step.
2. Scroll to **Add e-mail** (to add an e-mail address) or **Add number** (to add a phone number), then press **Select**.
3. Enter the e-mail address or phone number, then press **OK**.

Notes about addresses

- You can address a text message to as many as 10 e-mail addresses, phone numbers, or a combination of both. To see a list of all recipients to whom your message is addressed, scroll to List recipients, then press **Select**.
- The maximum number of characters allowed in a phone number is 32. The maximum number of characters allowed in an mail address is 48.
- While entering a phone number or e-mail address, press and release **Clear** to delete one character, or press and hold **Clear** to delete all characters.
- If a recipient's e-mail address or phone number is in your phone book, you can quickly enter it by searching for the recipient's name. To search, press Search. To jump to an entry in your phone book quickly, press the appropriate key. For example, if the entry is **John** (j), press the 5 key . To jump to **Kim** (k), press the 5 key twice. If an e-mail address or phone number is not associated with the entry that you select, a message will appear: **No e-mail address found** or **No numbers found**.
- When entering an e-mail address manually, you can quickly enter the @ symbol by pressing the 1 key repeatedly until the @ symbol appears.

Note: To address a number-only message, see "Send a number-only message" later in this section.

• SEND A MESSAGE

This procedure assumes that you have addressed your text message and entered some text into it (or have entered a callback number). Before you send your message, you can select one or more options. While you're editing the message, press **Options**, scroll to Settings, then press **Select**. To select an option, **Mark** it. To deselect an option, **Unmark** it.

- **Urgent**: Sets the priority level of your message to "urgent". **Urgent** message or a similar notification will appear on the screen of the recipient's phone or other device.

- **Delivery note**: When the recipient receives your message, the network will send you a delivery note. If you address the message to more than one recipient, you will receive a separate delivery note for each recipient.
- **Callback no.**: Allows you to enter a phone number at which the recipient can call you.

After you mark and unmark the options, press **Back**. The message **Save changes?** appears. To accept the changes that you made to the settings, press **Yes**. To discard the changes, press **No**.

To send the message, press **Options**, scroll to **Send**, then press **Select**. If the network can't send your message, a warning note should appear. Try to resend the message later.

Message delivery notification

When you send a message, you can ask to be notified when the message is received. This notification is called a delivery note. When the recipient gets your message, the network sends you a delivery note. You will receive a separate delivery note for each recipient.

Urgent mobile messages

You can assign an urgent priority level to a mobile message. When you receive an urgent mobile message, **Urgent** appears in the message header. When you send an urgent mobile message, a similar notification appears on the recipient's phone or other device if it supports this feature.

Note: To create a number-only message, see the next topic in this section.

There are four ways to create a text message:

- Write a new, blank message
- Reply to a received message
- Resend a message
- Forward a message

Send a number-only message

To create a text message, see "Create a text message" on page 72. For information about types of messages, see *"Send and receive e-mail messages" on page 78*.

Press **Menu 0 > 1 > 1 > 1 (Messages > Text messages > Write new)**.

Note: If **Text** and **Number only** appear in a list of menu items, scroll to **Number only**, then press **Select**.

Use the following guidelines when addressing your message and specifying a callback number:

- Use **Add number** to specify a recipient's phone number. The maximum number of characters allowed in a phone number is 32.
- When prompted to enter a recipient's phone number, you can manually enter it or search for it.
- When searching, the list of entries in your phone book is displayed.

  To jump to an entry quickly, press the appropriate key. For example, if the entry is **John (j)**, press the 5 key

. To jump to **Kim (k)**, press the 5 key

 twice.
- You can address your message to as many as 10 recipients. You can see a list of recipients who will receive your message **(List recipients)**.
- You can create a message, save it in your **Outbox**, then address it and send it later **(Save)**.

The callback number **(Callback no.)** is the phone number at which you want the recipient to call you. When prompted to enter a callback number, the default callback number (your mobile phone number) may appear in the field. You can use this number or enter a different number.

Resend a message

1 Open your **Outbox (Menu 0 > 1 > 1 > 3)**. Scroll until the message you want to resend is highlighted.

2 Press **Options**. Scroll to **Resend**. Press **Select**.

- Before you resend your message, you can edit it. You can also edit the recipients list (**Add e-mail**, **Add number**, or **List recipients**).
- Settings (**Urgency**, **Delivery note**, and **Callback no.**) for the message are kept unless you edit them (**Options > Settings**).

3 To send the message, press **Options**, scroll to **Send**, then press **Select**.

• ERASE MESSAGES

You can erase the message you're reading or several messages at once.

Erase the current message

Press **Options**, scroll to **Erase**, then press **Select**.

Erase multiple messages

1 Press **Menu 0 > 1 > 1 > 5** (**Messages > Text messages > Erase**).

2 Scroll until the message is highlighted, then press **Select**. Depending on your service provider, you may be need to confirm your choice or enter your security code to prevent accidental deletion of messages.

- **All read**: Erases all read messages in the **Inbox** (unread messages are not erased); erases all messages in the **Outbox** and **Saved** folders (these folders cannot contain unread messages).
- **All in inbox**: Erases all messages (read or unread) in the **Inbox**.
- **All in outbox**: Erases all messages (sent or unsent) in the **Outbox**.
- **All saved**: Erases all messages in the **Saved** folder.

• REPLY TO A MESSAGE

1 Read the message to which you want to reply.

- If you just received the message and the **Start** screen is currently displayed, press **Read**.
- If the message is in the **Inbox** folder, press **Menu 0 > 1 > 1 > 2**.
- If the message is in the **Saved** folder, press **Menu 0 > 1 > 1 > 4**.

2 Scroll to the message, press Read, and then press **Options**.

3 Scroll to **Reply** (or **Reply w/ copy** if you want to include a copy of the original message in your reply).

If you reply with copy, your message could be long. In some networks, a long message is shortened and the recipient may not see all of it.

4 Press **Select**.

After you write your message, you can:

- Address and send it.
- Save the message in the **Outbox**, and address and send it later (Press **Options**, scroll to **Save**, then press **Select**).

• FORWARD A MESSAGE

1 In the **Inbox** or **Saved** folder, read the message that you want to forward.

2 Press **Options**, scroll to Forward, then press **Select**.

3 Prepare your message as you would any other message that you create.

- If the message you are forwarding is a text message, you can edit the message before you send it.
- If your phone is configured to be able to send a number-only message, you can forward a callback number as a number-only message, provided the original message was also a number-only message.

4 After you prepare your message, you can:

- Address it, then send it.
- Save it to the **Outbox** (press **Options**, scroll to **Save**, then press **Select**), then address it and send it later.

16 Send and receive e-mail messages

You can use your phone to send and receive e-mail messages. You no longer need to be at your computer to send or receive messages. The e-mail feature is not available from all service providers.

• SAVE E-MAIL ADDRESSES

You can add an e-mail address to a name you've already saved in the phone book. You can also add a name and address as a new entry.

Save an e-mail address for an existing name

1 At the **Start** screen, press **Names**, then at Search, press **Select**.

The **Names** box opens.

2 Enter the first two letters of the name you want to find. Press **OK**.

3 Press **Options** (or press **Details** if the **Name list** view is selected in your phone book), and scroll to **E-mail address**. Press **Select**.

The **e-mail address** box opens.

4 Enter the address.

Press once for a dot (.). Press repeatedly until the @ appears. Press **OK** when you see the correct character.

5 When you finish entering the address, press **OK**.

The message **Saved** appears briefly, confirming your action.

Add a new e-mail address

1 At the **Start** screen, press **Names**. Scroll to **Add new**. Press **Select**.

The **Names** box opens.

2 Enter the name. Press **OK**.

The **Number** box opens.

3 Enter the phone number. Press **OK**.

The message **Saved** appears briefly, confirming your action.

4 Press **Options**, scroll to **E-mail address**. Press **Select**.

The **e-mail address** box opens.

5 Enter the address. Insert special characters such as the "dot" and @ signs by pressing .

6 Press **OK**.

The message **Saved** appears briefly, confirming your action.

Edit an e-mail address

1 At the **Start** screen, press **Names**, then at Search, press **Select**.

The **Names** box opens.

2 Enter the first two letters of the name you want to find. Press **OK**.

3 Press **Options** (or press **Details** if the **Name list** view is selected in your phone book), and scroll to **E-mail address**. Press **Select**.

The **e-mail address** box opens.

4 Enter any changes, using the scroll keys to move the insertion point backward and forward in the address.

5 When the address is correct, press **OK**.

The message **Saved** appears briefly, confirming your action.

• SEND AN E-MAIL MESSAGE

1 At the **Start** screen, press **Menu** and then, at **Messages**, press **Select**. At **Text messages**, press **Select**. Scroll to **Write e-mail**. Press **Select**.

The **e-mail address** box opens.

If your phone asks for an e-mail gateway number, see your service provider.

2 Enter the e-mail address, or press **Search**.

- If you press **Search**, enter the first few letters of the name you want. Press **OK** when you find the name. The address appears in the Recipient address box. Press **OK**.
- The phone lists all the names from your phone book. If you select a name for which there is no e-mail address, your phone displays the message, **No e-mail address for this name**.
- If you enter the e-mail address, press **OK** when you've finished.

The **Subject box** opens.

3 Enter a subject. Press **OK**.

The subject line can hold a maximum of 26 characters. You can leave the line blank if you wish.

4 When the message screen appears, enter your message.

Note: The maximum number of characters for message length varies; check with your service provider for details.

You can turn on predictive text input if you wish. For information, see *"Working with predictive text input" on page 66*.

5 When you finish the message, press **Options**, select **Send**. Press **OK**.

A status message tells you the mail is being sent.

Other options for a completed message

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Save	Saves the message in the saved folder until you send it.
Erase	Erases the message and returns you to the Recipient address box.
Quit	Erases the message and returns you to the **Start** screen.

• REPLY TO OR FORWARD AN E-MAIL MESSAGE

1. If the message is not on the screen, press **Menu, Message, Text messages** and **Inbox (Menu 0 > 1 > 1 > 1)**.
2. Select the message you received. Press **Read**.
3. Press **Options**. Scroll to **Forward** or **Reply**. Press **OK**.
4. Scroll to **As e-mail**. Press **Select**.

   If the phone needs an e-mail gateway number, see your provider.
5. Enter the recipient's e-mail address or press Search to find the name.
   - If you press **Search**, enter the first few letters of the name you want. Press **OK** when you find the name. The address appears in the Recipient address box. Press **OK**.
   - The phone lists all the names from your phone book. If you select a name for which there is no e-mail address, your phone displays the message, **No e-mail address for this name**.
   - If you enter the e-mail address, press **OK** when you've finished.
6. Enter a subject line. Press **OK**. The subject line holds up to 26 characters. You can leave it blank.
7. When the message box opens, write your reply or message you want to add when you forward the mail. You can use predictive text input.
8. When you've finished your message, press **Options**. Scroll to **Send**. Press **OK**.

17 Use your phone as a fax/ modem

Note: This feature is available only if your service provider supports digital data and fax calls. Digital data and fax calls may also require that you subscribe to these additional services.

Your phone can function as a wireless fax/modem when connected to your PC or laptop computer via the optional DLR-3P Data Cable. You must also have the appropriate fax or data software installed and configured to send and receive data or faxes through your phone.

Note: Although your phone is capable of data transmission rates up to 56 Kbps, your actual transmission rate may vary, due to your service provider's network. Please check with your service provider for actual data transmission rates.

• GET STARTED

Before you begin, you must properly connect and configure your PC. When the connection is established properly, your PC recognizes your phone as an external fax/modem. Your fax or data software may be configured to use the PCMCIA or internal modem.

When the data cable is connected to the phone, you cannot make a voice call, even if a digital data or fax call is not in progress (data is not being transferred).

1 Connect your phone to your computer with the optional DLR-3P Data Cable and verify that your computer recognizes the new hardware.

   See the installation and configuration instructions supplied with the DLR-3P cable for more information.

2 Before you can send and receive digital data or faxes on your phone, you must reconfigure your fax or data software. This step ensures that the computer uses your phone rather than your existing modem.

You may consider creating a separate set of dialing properties to use when your phone is connected, rather than changing any existing settings.

Please refer to the documentation or online help files for your data or fax application when creating new dialing configurations, or modifying existing settings.

• MAKE DIGITAL DATA AND FAX CALLS

Note: The restrict calls feature may affect any digital data/fax calls you attempt. If you experience problems, check your call restrictions.

1 Initiate a digital data or fax call using your data or fax software configured for your phone. Digital data or fax calls cannot be initiated by using your phone keypad.

2 Once the phone connects with the network, an indicator showing the status of data transmitted and received is visible on the phone's display. The status indicator is visible for the entire call.

3 Terminate the data call from your data software; fax calls typically terminate automatically. Avoid terminating a call by pressing the End key

. This action may cause your data or fax application to lock up temporarily and could cause loss of data.

Note: Any touch tones (DTMF tones) needed for calling cards, special long-distance access numbers, etc. must be programmed into the dialing string.

• PREPARE TO RECEIVE DIGITAL DATA/FAX CALLS

Note: For more information about receiving digital data and fax calls, please refer to the chapter "Manual selection of incoming calls" in the *DLR-3P Installation and Configuration Guide*.

Your phone must be connected to your PC via the data cable.

1 The appropriate data or fax software must be running. Consider setting your data or fax software to answer incoming calls automatically. This setting allows you to receive calls while you are away from your PC.

2 When you receive a call, **Data call** or **Fax call** appears and an alert sounds.

3 Terminate the data call from your data software; fax calls typically terminate automatically.

Note: Avoid terminating a call with the End key

. This action may temporarily lock up your data or fax application and could cause loss of data.

• MANUAL SELECTION OF INCOMING DATA/FAX CALLS

Certain service providers require that you preset your phone to receive the incoming data or fax call, rather than having the phone automatically detect the call type.

Note: Check with your service provider to see if prearrangement of data and/or fax calls is necessary.

Your phone contains a menu option that should be used to configure your phone for inbound data and fax calls. This option uses the phone's menu to pre-arrange inbound data and fax calls, rather than entering customized modem initialization strings into your data or fax software.

Pre-arranged data/fax calls using your phone's menu

1 From the Start screen, press **Menu 4-1-6** (**Settings** - **Call settings** - **Incoming data/fax call**).

2 Scroll to highlight the desired type of inbound call (**Data calls only**, **Fax calls only**).

3 Press **Select** to confirm your choice.

When the DLR-3P is connected and incoming data or fax calls have been pre-arranged, your phone will display **Data only** or **Fax only**, along with the **d** or **f** status indicator at the Start screen.

Once your phone is preset for either data or fax reception, you cannot receive incoming voice calls. You must either remove the data cable or turn the phone's power off and back on to restore normal voice call reception. However, it is still possible to place calls with the cable connected while in pre-arranged data/fax call mode.

18 Minibrowser

Note: This feature is available only if your service provider's network supports wireless internet access. Your service provider may also require that you subscribe to this additional service. For more information, contact your service provider.

• ABOUT THE MINIBROWSER

Warning: Your phone must be switched on to use the Minibrowser. Do not switch on the phone when wireless phone use is prohibited. See "For your safety" on page 1.

Warning: Emergency Key 9 is disabled while you are in a Minibrowser session.

The Minibrowser lets you browse the internet for information such as stock quotes and weather. Browsing via the phone is not like browsing using a PC. Site providers usually present only the critical aspects of their site to wireless phone users, so they have removed most graphics.

When you start the Minibrowser and connect to a network, two icons appear on the screen:

- Minibrowser icon (you are in a Minibrowser session)
- Active call icon (you are being billed accordingly)

After a certain period of inactivity, the Minibrowser disconnects from the network. For this reason, you may find that you are billed for several network connections within a single session. This is normal and is designed to minimize your bill. Rates will vary according to your billing plan.

When the Minibrowser disconnects from the network, the active call icon ( ) disappears, but the Minibrowser icon ( ) remains. While you are in the Minibrowser you can still access pages stored in memory without being connected to the Internet. However, if you navigate to a page that is not stored in memory, a new Minibrowser session begins and you'll be billed accordingly.

• LAUNCHING THE MINIBROWSER

The first time you launch the Minibrowser, you go through a security setup process that takes 3 to 5 minutes (follow the on-screen prompts).

1 From the start screen, press **Menu**, then scroll to **Minibrowser**. The following message appears to remind you that you may be billed for the connection time. (You can disable this message. See "Disable minibrowser confirmations" on page 90.)

Browsing may
incur charges.
Continue?
(Yes) (No)

2 Press **Yes**. After a few seconds, the **Home Page** appears. (Your menu may vary according to your service provider.)

Home Page
1 News
2 Yahoo!
3 Weather
4 Finance
5 Web site

Note: To end a Minibrowser session, press and hold the End key

.

• MINIBROWSER MENU

While in the Minibrowser, press and release the Power key to display the **Minibrowser** menu:

- **Help**: Show a help page for the current site (accessible from some pages).
- **Home**: Return to the Home page.
- **Bookmark page**: Set a bookmark for the current page.
- **Show URL**: Show the web address (Uniform Resource Locator) for the current page.
- **Restart**: Return to the Home page and delete all stored pages.

- **Version**: Show the version of Minibrowser software.
- **Advanced**: Change server and encryption settings.
- **Exit Minibrowser**: Exit the Minibrowser.
- **Switch off!**: Turn off the phone.

About web page content

The following items may appear on web pages:

- numbered options (some options may not be numbered)
- links (embedded in content)
- input fields for text or numbers
- simple text

• NAVIGATING IN THE MINIBROWSER

SCROLL THROUGH THE MENUS AND CONTENTS OF A PAGE

Press the scroll keys (and) to scroll through the menus and contents of a page and to see the content of pages that do not fit on one screen. To scroll quickly, press and hold the scroll key.

GO BACK (PREVIOUS PAGE)

To go back to a previous page, press the End key .

GO TO THE HOME PAGE

- Press the End key repeatedly to move back through previously viewed pages until the **Home Page** appears.
- OR, press and release the Power key to display the **Minibrowser** menu, scroll to **Home**, then press **OK**.

ACTIVATE AN ITEM (FOR EXAMPLE, A LINK)

- Press the appropriate number key on your phone's keypad (if the item on the page is numbered).
- OR, scroll to the item, then press the appropriate selection key (for example, to activate a link).

SELECTION KEYS

To navigate to different screens or select special functions, use the selection keys. The function of each selection key can change with each page and depends on each highlighted item.

- (Left selection key) - Usually selects the highlighted item, but its function may change depending on what you are doing.
- (Right selection key) - Usually selects a secondary option or displays a menu of secondary options.

• LINKS

Links usually appear as items in a numbered list. Depending on its type, when activated, a link will:

- Take you to another page or site
- Make a phone call (Some sites support this feature. When you make the call, the browser connection terminates, but the page you were viewing is stored in memory. After you end the call, the page you were viewing is displayed again and you can continue browsing.)

To activate a link:

1. Move the cursor until the desired link is highlighted.
2. Press the appropriate selection key. (If the link is a phone number, in some cases, you can also press the Talk key

to make the call.)

• BOOKMARKS

You can set a bookmark for a web page so that you can quickly go to that page later. (You may also be able to set bookmarks via a personal account at your service provider's web site.)

SET A BOOKMARK

1. Go to the page for which you want to set a bookmark.
2. Press and release the Power key . The **Minibrowser** menu appears.
3. Scroll to **Bookmark page**, then press **Select**. (A message may appear asking you to confirm this action.)

GO TO A BOOKMARKED PAGE

1 From the **Home Page**, scroll to **Bookmarks**, then press **Select**. A list of your bookmarks appears.

2 Select the bookmark that represents the page you want go to, then press **Select**.

Tip: A number is associated with each bookmark in the bookmark list. To quickly go to a bookmark, press and hold the appropriate number key.

• RECEIVING MESSAGES VIA THE MINIBROWSER

Depending on your service provider, you may be able to receive messages via the Minibrowser. The procedure you use to read a Minibrowser message varies depending on your service provider. For more information, contact your service provider. (This information may also be available at your service provider's web site.)

• ENDING THE MINIBROWSER SESSION

- Press and hold the End key .
- OR, Display the **Home Page** (If the **Home Page** is not currently displayed, press the End key repeatedly until it is displayed.) Press the End key . **Exit Minibrowser?** appears. Press **Exit**.
- OR, press and release the Power key . Select **Exit Minibrowser**.

• DISABLE MINIBROWSER CONFIRMATIONS

You can specify whether or not you want your phone to confirm your choice to connect to the web or exit the Minibrowser session.

1 Press **Menu 4–1–5 (Settings – Call settings – Minibrowser confirmations)**. The following options appear:

- **Both**: Your phone prompts you to confirm your choice before connecting to the web and before exiting the Minibrowser session.
- **None**: Your phone never prompts you to confirm your choice.

- **On connection**: Before connecting to the web, your phone prompts you to confirm your choice.
- **On exit**: Before exiting the Minibrowser session, your phone prompts you to confirm your choice.

2 Scroll to the appropriate option, then press **OK**.

Tip: To prevent unintentional exiting of the Minibrowser session (such as when pressing repeatedly to move back through previously viewed pages), select **Both** or **On exit**. This will ensure that a confirmation message appears before exiting.

Note: If you press and hold the End key

, the Minibrowser session ends without confirmation, regardless of the Minibrowser confirmation setting.

19 Use your personal assistant

Your phone can be your personal assistant. It can wake you up in the morning and remind you of meetings, birthdays, and tasks. You can check the current time and calculate a tip at dinner. With a calendar, clock, alarm clock, calculator, and phone book, you have everything you need to keep track of your life.

• USE THE CALENDAR

The calendar keeps track of birthdays, meetings, reminders, and calls you need to make. The calendar can sound an alarm to remind you to make call or go to a meeting.

Note: Unlike the alarm clock, if your phone is turned off, it will not automatically wake up and sound the alarm for a calendar note. For the alarm to sound for a calendar note, your phone must be turned on.

View the calendar

To view the calendar, press **Menu 8 (Calendar)**. You may be prompted to set the date and time.

- Set the date using the **mm/dd/yyyy** format.

  For example, if the date is May 4, 2001, enter 05042001. Existing characters are overwritten.

- Set the time using the mm:hh format.

  For example, if the time is 7:00, enter 0700. Existing characters are overwritten. If your phone is set to display the **am/pm** time format, scroll to **am** or **pm**. Press **OK**.

Move from day to day

- Use the scroll keys to move through the calendar, OR...
- Press **Options**, scroll to **Go to date**, and press **Select**. Enter the date, and press **OK**.

Create a calendar note

This option lets you create a note with one of four categories: Reminder, **Call**, **Meeting**, or **Birthday**. You can set an alarm for any calendar note.

1 Go to the day you want, and press **Options**.

2 Scroll to **Make note**, and press **Select**.

3 Scroll to the type of note you want to create (**Reminder**, **Call**, **Meeting**, or **Birthday**). Press **OK**.

REMINDER

The **Subject** field appears.

1 Enter the information, and press **OK**. The current date appears.

- If you want to change the date for this reminder, do so. Press **OK**.
- If you do not want to change the date, press **OK**.

  The message **Set alarm for the note?** appears.

2 To answer the **Set alarm for the note?** question, press **Yes** or **No**.

- Press **No** to specify no alarm. **Calendar note saved** appears.
- If you press **Yes**, the **Alarm date** field appears.

3 Enter the date on which you want the alarm to sound, and press **OK**.

The **Alarm time** field appears.

4 Enter the time when you want the alarm to sound. Use the **hh:mm** format. Press **OK**.

5 Select either **am** or **pm**, and press **OK**.

The message **Calendar note saved** appears.

Note: Step 5 appears only if you have selected the **am/pm** format.

CALL

The **Number** field appears.

1 Enter a number or press **Search** and find the number, then press **OK**. The **Date** field appears.

2 Enter the date when you need to make this call, and press **OK**. The **Time** field appears.

3 Enter the time when you need to make this call. Using the **hh:mm** format. Press **OK**.

4 Select **am** or **pm**, and press **OK**. **Set alarm for the note?** appears.

Note: Step 4 appears only if you have selected the **am/pm** format.

5 To answer the **Set alarm for the note?** question, press **Yes** or **No**.

- If you don't want to set an alarm, press **No**.
- The message **Calendar note saved** appears.
- If you press **Yes**, the **Alarm date** field appears.

6 Enter the date when you want the alarm to sound, and press **OK**. The **Alarm time** field appears.

7 Enter the time (**hh:mm** format) for the alarm to sound. Press **OK**.

8 Select **am** or **pm**, and press **OK**. **Calendar note saved** appears.

Note: Step 8 appears only if you selected the **am/pm** format.

MEETING

The **Subject** field appears.

1 Enter the information, and press **OK**.

The current date appears. To use the current date, just press **OK**.

The **Time** field appears. You may enter a different date, and press **OK**.

2 Enter the time when you need to go to this meeting using the **hh:mm** format. Press **OK**. Select **am** or **pm**. Press **OK**. **Set alarm for the note?** appears.

Note: Step 2 appears only if you selected the **am/pm** format.

3 Answer the **Set alarm for the note?** question, press **Yes** or **No**.

- If you do not want to set an alarm, press **No**.
- The message **Calendar note saved** appears.
- If you press **Yes**, the **Alarm date** field appears.

4 Enter the date when you want the alarm to sound, and press **OK**.

The **Alarm time** field appears.

5 Enter the time when you want the alarm to sound. Use the **hh:mm** format. Press **OK**.

6 Select either **am** or **pm**, and press **OK**.

Note: Step 6 appears only if you selected the **am/pm** format.

The message **Calendar note saved** appears.

BIRTHDAY

The **Name** field appears.

1 Enter the name of the person having a birthday, and press **OK**. The **Date** field appears.

2 Enter the month and day of the person's birthday, and press **OK**. The **Year of birth** field appears.

3 Enter the year using the **yyyy** format. Press **OK**. **Set alarm for the note?** appears.

4 Press **Yes** or **No**.

- If you don't set an alarm, **Calendar note saved** appears.
- If you press **Yes**, the **Alarm date** field appears.

5 Enter the date when you want the alarm to sound, and press **OK**. The **Alarm time** field appears.

6 Enter the time for the alarm to sound. Use **hh:mm** format. Press **OK**.

7 Select either **am** or **pm**, and press **OK**. **Calendar note saved** appears.

Note: Step 7 appears only if you selected the **am/pm** format.

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View the day's notes

To view your notes for a given day, display that day in the calendar.

1 Press **Options**.

2 Scroll to **View day notes**.

3 Press **Select**.

If you have more than one note for the day, scroll the list. You have several **Options**:

- **Erase** - Erase the note.
- **Edit** - Edit the note.
- **Move** - Move the note to a different date.

View all notes

To view all notes in your calendar, press **Options**. Scroll to **View all notes**. Press **Select**. If your calendar has more than one note, scroll the list.

Erase notes

You must choose which notes to erase. Select from these erase options:

ERASE THE NOTE YOU'RE VIEWING

Press **Options**. Scroll to **Erase**. Press **OK**.

ERASE THE NOTES FOR A GIVEN DAY

While viewing the day in your calendar, press **Options**. Scroll to **Erase notes** and press **Select**. Scroll to **Of chosen day**, and press **OK**. Scroll the list of notes. When a note you want to erase appears, press **Erase**.

ERASE ONE NOTE AT A TIME FOR EACH NOTE IN YOUR CALENDAR

While viewing any day in your calendar, press **Options**. Scroll to **Erase notes**. Press **Select**. Scroll to **One by one.**, and press **OK**. Scroll the list of notes. When a note you want to erase appears, press **Erase**.

ERASE ALL NOTES IN YOUR CALENDAR

To erase all notes in your calendar while viewing any day in your calendar:

1 Press **Options**.

2 Scroll to **Erase** notes.

3 Press **Select**.

4 Scroll to **All at once**, and press **OK**.

When a calendar alarm goes off

- To shut off the alarm, press **OK**.
- To shut off the alarm for 10 minutes, press **Postpone**. The alarm can be postponed 10-minute increments for up to 90 minutes.

Set the calendar date

1. Press **Options**.
2. Scroll to **Set the date**.
3. Press **Select**.
4. Enter the date using the **mm/dd/yyyy** format.

   For example, if the date is May 4, 2001, enter 05042001. Existing characters are overwritten.
5. Press **OK**.

• DOWNLOAD RINGING TONES

Depending on your service provider, you can download (over the air) ringing tones and save them in your phone.

Note: Methods for downloading ringing tones vary with service providers. Some allow you to send a ringing tone to the phone from Internet web pages. Contact your service provider for details.

The names of tones that you download and save appear in the list that appears when you press **Menu 3 >1 > 2 > 3 (Profiles > Normal > Customize > Ringing tone)**.

Note: The list also appears if you press **Menu 3 > 2 > 2 > 3**, **Menu 3 > 3 > 2 > 3**, etc., when you want to customize a profile other than the **Normal** profile.

In addition to the 40 default ringing tones that come with your phone, you can save five downloaded ringing tones.

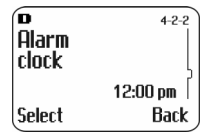
Notification of received ringing tone

When a ringing tone has been downloaded to your phone, the message **Ringing tone received** appears.

- To listen to the tone, press **Options**, scroll to **Playback**, then press **OK**. The phone plays the tone. To stop playing the tone, press **Quit** or end.
- To discard the tone immediately after you receive it (before you press **Options**), press **Exit** or end. Or, to discard the tone after you have pressed **Options**, scroll to **Discard**, then press **OK**.
- To save the tone after you listen to it, scroll to **Save**, then press **OK**. If space in your phone's memory exists for the tone, the phone prompt asks if you want to put the tone in a space. If you choose to put it in a space, the tone at first will be called Personal. If space does not exist, scroll until the name of the tone you want to replace is highlighted, then press **Replace**. To view the list of tones, press **Menu 3 > 1 > 2 > 3** (or **Menu 3 > 2 > 2 > 3**, etc.).

• ALARM CLOCK

The alarm clock operates off the phone clock. If you turn your phone off after you set the alarm, it will automatically wake up and sound the alarm at the specified time. The alarm volume is determined by the current ringing volume and tone settings.



If you selected the **Silent** or **Meeting** profile or the **Beep once** or **Silent** ringing option, your alarm will quietly beep once. The best profile to use with the alarm clock is **Normal** or **Outdoor** unless you modified their original settings or renamed them. Your phone will vibrate if you've activated this feature in the current profile.

Set the alarm clock

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1. Press **Menu 4 > 2 > 2 (Settings > Phone settings > Alarm clock)**.

   The **Set alarm time** message appears.

2. Enter the alarm time.

   For example, to set the alarm for 7:00, press 0 pqrs 7 0 0. Existing characters are overwritten.

3. Press **OK**. If the time format is **am/pm**, scroll to **am** or **pm**, and press **OK**.

The **Alarm on** message appears. On the **Start** screen, the alarm icon ( ) appears, indicating that the alarm is set.

Turn off the alarm clock when it rings

When the alarm clock rings:

- Press **Stop** to turn it off. If the phone was off when the alarm sounded, the phone asks if you want to keep the phone on. Press **Yes** or **No**.
- Press **Snooze** to set the alarm to go off again in 10 minutes.

If you don't turn off the alarm, it sounds for one minute. Ten minutes later it will sound again for one minute. This continues until you press **Stop**.

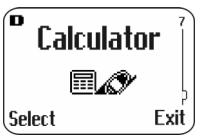
Warning: Do not switch on the phone where wireless phone use is prohibited or where it might cause interference or danger.

Turn off the alarm clock altogether

If you never use the alarm, turn it completely off. Press **Menu** 4 > 2 > 2 (**Settings** > **Phone settings** > **Alarm clock**). Scroll to **Off** and press **OK**.

• CALCULATOR

The calculator adds, subtracts, multiplies, and divides.



1. Press **Menu** 7 (**Calculator**).
2. Enter the first number in the equation.
   (To enter a decimal point, press #. To clear one digit, press **Clear**. To clear all digits, press and hold **Clear**.)
3. Enter the symbol: (+ add), (- subtract), (* multiply), or(/ divide):
   - Press * as many times as necessary, OR...
   - Press **Options**. Scroll to **Add**, **Subtract**, **Multiply**, or **Divide**. Press **OK**.
4. Enter the second number in the equation.
5. Calculate the result:
   - Press *, OR...
   - Press **Options**. Scroll to **Equals**. Press **OK**.

20 Games

Your phone includes four games: Memory/Pairs*, Snake, Logic, and Dice.

1. Press **Menu 6 (Games)**.
2. Scroll until the name of the game you want to play is highlighted. Press **Select**.
3. Scroll to the appropriate menu item. Press **Select**:
   - **New game** - a new game
   - **Top score** - Display the top score (only for Pairs and Snake)
   - **Instructions** - Learn how to play the game
   - **Level** - Set the level of difficulty (for Dice, choose the number of dice to use)
   - **Continue** - Return to a game in progress

**Name for this game may vary depending on your service provider.*

• PAIRS*

A picture appears under each black box. Find pairs of pictures as quickly as possible in as few tries as possible. The pairs found stay visible. A higher level of play increases the number of boxes.

- , , , and - Move the highlighter to a square.
- - Reveal a picture.
- - Jump to the left over revealed pictures or move from top left to bottom right.
- - Jump to the right over revealed pictures or move from bottom right to top left.

• SNAKE

At the beginning of the game, a piece of food appears in the middle of the screen, and the snake (line) is moving at the bottom of the screen. Use , , and to direct the snake toward the food and watch

the snake grow longer. If the snake hits its own tail or the wall, the game is over. The longer the snake, the higher the score. If you choose a higher level of play, the snake moves faster.

• LOGIC

At the beginning of the game, several pictures appear at the top left corner of the screen. The cursor is a pair of flashing brackets. Find the secret combination of pictures for each column.

- 2abc (up), 4ghi (left), and 8tuv (down) - Move the cursor.
- 5jkl - Insert a picture.

When you think you have the right combination of pictures in a column, press +*. The result is presented as a set of marks over the column:

- **Rectangle** - The correct picture is in the right place.
- **Line** - The correct picture is in the wrong place.

To copy a picture from a previously accepted column, press 4ghi to move the cursor to the desired picture, then press 5jkl to accept the selection. When all figures are correct and in the right place in each column, the game ends. A higher level of play gives more pictures for you to work with.

• DICE

Use this game to play other games that require a set of dice, if one isn't available. Before you choose **New game**, use the **Level** option to choose the number of dice (as many as six) that you will use. When you start a new game, the dice roll for a couple of seconds and then stop.

- 4ghi (left) and 6mno (right) - If you chose to use more than one die, use these keys to select a die before you roll it, lock it, or unlock it.
- 5jkl - To lock or unlock a die, select it, then press this key. The border of a locked die is thick.
- +* - Roll the unlocked dice again.

You can roll, lock, and unlock each die as many times as you wish.

21 Reference information

• BATTERIES, CHARGERS, AND ACCESSORIES

This section provides information about the phone's batteries, accessories, and chargers. Be aware that the information in this section is subject to change as the batteries, chargers, and accessories change.

This phone is intended for use when supplied with power from an ACP-7U, an ACP-8U, LCH-8, or an LCH-9. Other usage could invalidate any approval given to this apparatus and might be dangerous.

Warning! When you purchase batteries, chargers, and accessories for your phone, use only batteries, chargers, and accessories that have received approval from the phone's manufacturer. The use of any other type of phone-related hardware will invalidate any approval or warranty applying to the phone, and could also be dangerous. For availability of approved batteries, chargers, and accessories, check with your dealer.

- When the battery is fully charged, the indicator will tell you that the battery is fully charged.
- When you are not using a charger, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging could shorten its life span. If left unused, a fully charged battery will discharge itself over time.

Temperature extremes can affect the ability of your battery to charge. Therefore, allow it to cool down or warm up before trying to charge it.

When the battery is running out of power and your phone only has a few minutes of talk time remaining, a warning tone sounds and the **Battery low message appears** briefly. When no talk time is left, a warning tone is sounded and the phone switches itself off.

Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object, like a coin, a clip, or a pen causes a direct connection of the + and - terminals of the battery, which are metal strips on the edge of the battery.

An example of short-circuiting could occur if you carry a spare battery in your pocket or purse, where the battery could come into contact with such objects like a coin. Short-circuiting could damage either the battery or the connecting object.

Leaving the battery in hot or cold places, such as in a closed car in either summer or winter conditions, will reduce the capacity and lifetime of the battery. Always try to keep the battery between 15°C and 25°C (59°F and 77°F).

A phone with a hot or cold battery might not work temporarily, even if the battery is fully charged. The performance of Li-Ion batteries is particularly limited in temperatures below 0°C (32°F).

The following list provides a guideline that you can follow:

- When the operating time (talk time and standby time) is noticeably shorter than normal, buy a new battery.
- Use the battery only for its intended purpose.
- Never use any charger or battery that is damaged and/or worn out.
- Batteries must be recycled or disposed of properly. Do not dispose of batteries by putting them in fire!
- When you disconnect the power cord of any accessory, grasp and pull the plug, not the cord.

• IMPORTANT SAFETY INFORMATION

This section provides additional safety information. A brief overview of safety can be found in "For your safety" on page 1.

Traffic safety

Do not use a hand-held telephone while driving a vehicle. If you are using a hand-held phone, park the vehicle before conversing. Always secure the phone in its holder; do not place the phone on the passenger seat or where it can break loose in a collision or sudden stop. The use of an alert device to operate a vehicle's lights or horn on public roads is not permitted.

Remember, road safety always comes first!

Operating environment

Remember to follow any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger.

When connecting the phone or any accessory to another device, read the associated user guide first and obtain detailed safety instructions.

Note: Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder).

Electronic devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

The following subsections provide more information about this topic.

PACEMAKERS

Pacemaker manufacturers recommend that a minimum separation of six inches (20 cm.) should be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers:

- Should always keep the phone more than 6 inches (20 cm) from their pacemaker when the phone is switched on;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the pacemaker to minimize the potential for interference.

If you have any reason to suspect that interference is taking place, switch off your phone immediately.

HEARING AIDS

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider.

OTHER MEDICAL DEVICES

Operation of any radio transmitting equipment, including cellular phones, may interfere with the functionality of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine if they are adequately shielded from external RF energy or if you have any questions. Switch off your phone in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

VEHICLES

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles (for example, electronic fuel injection systems, electronic anti-skid (anti-lock) braking systems, electronic speed control systems, air bag systems). Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

POSTED FACILITIES

Switch your phone off in any facility where posted notices so require.

Potentially explosive atmospheres

Switch off your phone if you are in any area that has a potentially explosive atmosphere, and obey all signs and instructions. Sparks in such areas could cause an explosion or fire, resulting in bodily injury or even death.

You are advised to switch off the phone while at a refueling point (service station). You are also reminded of the need to observe restrictions regarding the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants, or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often—but not always—clearly marked. These areas include the following: below deck on boats; chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

Vehicles

Only qualified personnel should service the phone, or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty which may apply to the unit.

Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.

Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.

For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Switch off your phone before boarding an aircraft. The use of wireless telephones in an aircraft may be dangerous to the operation of the aircraft, disrupt the wireless telephone network and may be illegal.

Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

• EMERGENCY CALLS

Important:

This phone, like any wireless phone, operates using radio signals, wireless and land line networks as well as user-programmed functions which cannot guarantee connection in all conditions. Therefore, you should never rely solely upon any wireless phone for essential communications (for example, medical emergencies).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

If the battery is almost fully discharged when you connect a charger to your phone, it might be necessary to wait a few minutes before you will be able to make or receive calls.

Emergency numbers vary by location. If the official emergency number that has been programmed into your phone differs from the number that is used in your current location, do not use the emergency key 9 feature ("Use emergency key 9" on page 53) to make the call. Instead, manually enter the official number that is used in your current location, then press

.

If you're playing a game, using the calculator, or editing (such as when using the Minibrowser or editing a phone book entry), press

to return to the **Start** screen before you make an emergency call.

Depending on your provider, you may not be able to use the emergency key 9 feature if any of the following conditions exist:

- Emergency key 9 feature is not activated ("Use emergency key 9" on page 53).
- Keyguard is active ("Use Keyguard to lock the keypad" on page 58).
- Phone is locked ("Protect your phone with phone lock" on page 56).
- Call restriction that prevents the call is active ("Restrict calls" on page 59).

Note: You may need to turn those features off before you can make an emergency call. Consult this document and your local service provider.

Make an emergency call

Depending on your phone settings, you may be able to use the emergency key

feature to make the call. (See "Use emergency key 9" on page 53.)

1 If the phone is not on, switch it on.

2 Enter the emergency number for your present location (emergency numbers vary by location).

3 Press the Talk key

.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your wireless phone may be the only means of communication at the scene of an accident - do not end the call until you have permission to do so.

Note: When you make the call, your phone changes to emergency call mode. If you choose to exit this mode, emergency operators may not be able to contact you.

Keep your phone in emergency call mode until emergency personnel arrive on the scene. In emergency call mode, some menu items may not be available. To exit emergency call mode, at the **Start** screen, press **Exit**. When the question **Restore normal service?** appears, press **OK**.

Radio frequency (RF) signals

THIS MODEL PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kilogram.* Tests for SAR are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (for example, at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone as reported to the FCC when tested for use at the ear is 1.36 W/kilogram and when worn on the body, as described in this user guide, is 1.26 W/kilogram. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of **http://www.fcc.gov/oet/fccid** after searching on **FCC ID: GMLNSD-1AW**. For body worn operation, to maintain compliance with FCC RF exposure guidelines, use only Nokia approved accessories. When carrying the phone while it is on, place the phone in the specific Nokia belt-clip that has been tested for compliance.

Use of non-Nokia-approved accessories may violate FCC RF exposure guidelines and should be avoided.

* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kilogram (W/kilogram) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. SAR values may vary depending on national reporting requirements and the network band. For SAR information in other regions please look under product information at **http://www.nokia.com**.

Care and maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you to fulfill any warranty obligations and allow you to enjoy this product for many years. When using your phone, battery, charger, OR any accessory:

- Keep it and all its parts and accessories out of small children's reach.
- Keep it dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use or store it in dusty, dirty areas as its moving parts can be damaged.
- Do not store it in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp/melt certain plastics.
- Do not store it in cold areas. When the phone warms up (to its normal operating temperature), moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not attempt to open it. Non-expert handling of the device may damage it.
- Do not drop, knock or shake it. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean it. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint it. Paint can clog the device's moving parts and prevent proper operation.
- Use only the supplied antenna. Removal or replacement of the antenna by anyone other than a Nokia authorized service center is an unauthorized modification and invalidates the warranty, can damage the phone, and may violate regulations governing radio devices.
- If the phone, battery, charger, or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

• ACCESSORIES

If you want to enhance your phone's functionality, an extensive range of accessories is available for you. You can select any of these items to help accommodate your specific communication needs. For availability of these and other accessories, contact your service provider.

A few practical rules for accessory operation:

- Keep all accessories out of reach of small children.
- When you disconnect the power cord of any accessory, grasp and pull the plug, not the cord.
- Check regularly that any vehicle-installed accessories are mounted and are operating properly.
- Installation of any complex car accessories must be made by qualified personnel only.
- Use only batteries, chargers, and accessories that have been approved by the phone manufacturer for use with this particular phone model. The use of any other types may invalidate any approval or warranty applying to the phone, and may be dangerous.

  Note: For availability of approved accessories, please check with your authorized Nokia dealer.

• BATTERY

This section provides information about the phone's battery. Be aware that the information in this section is subject to change.

Several rechargeable batteries are available for use in your phone. The battery model number is on the battery label which is visible when the battery is removed from the phone.

Charging time

Note: Times are approximate. Charging for the specified time will charge the battery to about 80% capacity. At 80% capacity, the battery scroll bars on your phone's screen stop scrolling. To obtain 100% charge, allow another two hours to "trickle-charge" the battery.

Battery Option	ACP-7U Charger	ACP-8U Charger	LCH-9 Charger
BLS-2N Extended Battery Li-Ion 1050 mAh	4 hrs	3 hrs 30 min	2 hrs
BLS-4 Ultra Extended Battery Li-Ion 1500 mAh	5-6 hrs	5 hrs	2 hrs 30 min
BPS-2 Ultra Slim Li-Polymer 1100 mAh	5-6 hrs	3 hrs 30 min to 4 hrs	2 hrs 30 min

Standby and Talk Times

Battery Option	Digital Talk Time	Analog Talk Time	Standby Time
BLS-2N Extended Battery Li-Ion 1050 mAh	**2 hrs to 2 hrs 55 min**	**40 min to 1 hr 25 min**	**70 to 110 hrs (dig) 10 to 15 hrs (ana)**
BLS-4 Ultra Extended Battery Li-Ion 1500 mAh	**3 hrs 20 min to 4 hrs 50 min**	**1 hr 10 min to 2 hrs 25 min**	**115 to 180 hrs (dig) 15 to 23 hrs (ana)**
BPS-2 Ultra Slim Li-Polymer 1100 mAh	**2 hrs 20 min to 3 hrs 30 min**	**50 min to 1 hr 40 min**	**77 to 130 hrs (dig) 12 to 18 hrs (ana)**

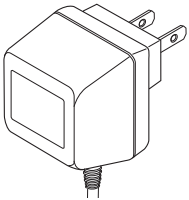
Note: Dispose of used batteries in accordance with local regulations.

• CHARGERS AND OTHER ACCESSORIES

This section provides information about the phone's chargers and accessories. Be aware that the information in this section is subject to change as the chargers and accessories change.

The chargers and accessories that are described in this section are available for your phone. Contact your dealer for details. Also, refer to the accessories brochure that was included in your sales package for the entire line of Nokia Original Accessories.

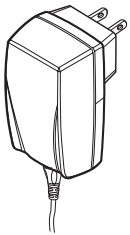
Standard Travel Charger (ACP-7U)



This lightweight (187g) and durable AC charger can be used with all battery options.

To use the Standard Travel Charger, plug it into a wall outlet and connect the lead from the charger to the base of your phone.

Rapid Travel Charger (ACP-8U)

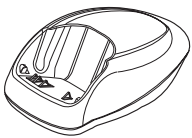


This lightweight (110g) AC charger can be used with all battery options. Calls can be made during charging, even with a fully discharged battery.

To use the Rapid Travel Charger (ACP-8U), plug it into a standard 120V AC wall outlet, and connect the lead from the charger to the base of your phone.

The charger can also be used together with the optional Compact Desktop Charging Stand (DCH-8). Approximate charging times for discharged batteries are shown at the beginning of this section.

Desktop Charging Stand (DCH-8)



Used together with the Standard Travel Charger (ACP-7U) or the Rapid Travel Charger (ACP-8U), the Compact Desktop Charging Stand (DCH-8) is an economical choice when you need your phone close at hand.

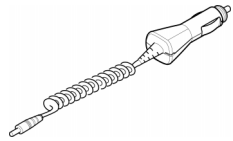
With the battery still attached, place your phone in the charging stand to begin charging your phone's battery.

Charging is indicated by the scrolling battery bars on the right side of your phone's display. When the scrolling stops, the battery is approximately 80% charged.

To get a fully charged battery, leave your phone in the charging stand for a couple of hours after the scrolling stops.

Rapid Cigarette Lighter Charger (LCH-9)

You can charge your phone's battery from your vehicle battery by using the Rapid Cigarette Lighter Charger (LCH-9).

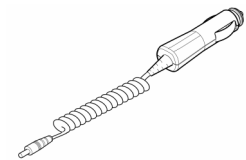


Calls are possible during charging. A green light indicates the charger is ready for charging (when not charging) or finished charging (if it has been charging). The battery charging times are the same as those for the Rapid Travel Charger (ACP-8U).

The input voltage range is from 11 to 32V DC, negative grounding. Avoid prolonged charging with the Rapid Cigarette Lighter Charger (LCH-9) when the car engine is not running; this may cause the battery of your car to drain. In some cars the cigarette lighter plug is not provided with electricity if the ignition is not switched on.

Rapid Mobile Charger (LCH-8)

You can charge your phone's battery from your vehicle battery by using the Rapid Mobile Charger (LCH-8).



Calls are possible during charging. A green light indicates the charger is ready for charging (when not charging) or finished charging (if it has been charging).

The input voltage range is from 10.8 to 32V DC, negative grounding. Avoid prolonged charging with the Rapid Mobile Charger (LCH-8) when the car engine is not running; this may cause the battery of your car to drain. In some cars the cigarette lighter plug is not provided with electricity if the ignition is not switched on.

Compact Desktop Charging Stand (DCH-9)

Compatible with all battery options, the Compact Desktop Charging Stand can be used with the Standard Travel Charger (ACP-7U) or the Rapid Travel Charger (ACP-8U).

The Compact Desktop Charging Stand provides mounting for both the phone and a spare battery. Plug the charger into a wall outlet and connect the connector to the back of the Compact Desktop Charging Stand. Place your phone and/or a spare battery in the stand to begin battery charging.

When the phone is charging, no lights are displayed on the stand (unless a spare battery is being charged, too); check the charging status of the phone battery on your phone's screen.

DCH-9 Rear Slot Charging Times				
	Using ACP-7U		Using ACP-8U	
Battery Option	Back slot only	Both slots full	Back slot only	Both slots full
BLS-2N Extended Battery Li-Ion 1050 mAh	6 hrs 30 min	9 hrs 45 min	8 hrs	12 hrs
BLS-4 Ultra Extended Battery Li-Ion 1500 mAh	12 hrs	18 hrs	12 hrs	17 hrs
BPS-2 Ultra Slim Li-Polymer 1100 mAh	8 hrs	13 hrs 30 min	8 hrs	12 hrs

Note: The battery in the rear slot will not begin charging until the battery in the front slot is fully charged.

When the spare battery is charging, check the status indicator on the left side of the charging stand. A red light indicates that the battery is charging; a green light indicates that the battery is charged to at least 80% of its capacity.

The phone has the built-in intelligence to maintain the battery, so there is no need for a discharge feature on the stand.

• TROUBLESHOOTING

This section provides a table that lists some of the most commonly-encountered problems and provides possible solutions.

Problem	Possible cause	Possible solution
My phone isn't charging.	The charger and the phone are not properly connected.	Securely connect the charger to the phone.
	The charger is not properly plugged in.	Ensure that the charger is plugged in correctly.
	The battery may be too hot or cold.	Allow the battery to return to room temperature before charging.
My phone isn't making/ answering calls.	The battery is not charged.	Charge the battery.
	The signal strength is poor.	If you are indoors, move toward a window.
I can't listen to my voice messages.	You don't have voice mail service.	Call your wireless service provider.

Problem	Possible cause	Possible solution
I can't listen to my voice messages. (continued)	You have not set up your voice mailbox with your service provider.	Call your wireless service provider.
	You have not saved your voice mail number in your phone.	Refer to "Set up your voice mailbox" on "Set up your voice mailbox" on page 27.
	The voice mail number you have saved is incorrect.	Call your wireless service provider.
	You have forgotten your password or are entering it incorrectly.	Call your wireless service provider.
My call does not go through.	Your phone may be turned off.	Verify that your phone is on.
	You may be outside your service area. **No Service** appears on the screen.	Verify that you are in your service area.
	You may have call restrictions set on that phone number.	Verify that the number does not have any restrictions on it. See "Restrict calls" on page 59.
	Your phone may be locked.	Refer to "Protect your phone with phone lock" on page 56.
	You may need to dial a'1' and/or an area code with the number.	Call your wireless service provider for dialing rules.

22 Frequently Asked Questions (FAQ)

This section provides answers questions users frequently ask. Some answers tell you to use shortcuts, refer to "Navigate menus" on page 16.

Q. How do I lock my phone?

A. Press **Menu 4 > 3 > 2 > 1 (Menu > Settings > Security settings > access codes)**, enter your lock code, scroll to **On**. Press **OK**.

Q. How do I unlock my phone?

A. Press **Menu 4 > 3 > 2 > 1 (Menu > Settings > Security settings > access codes)**, enter your lock code, scroll to **Off**. Press **OK**.

Q. What is my lock code?

A. The lock code enables you to lock your phone, thus preventing someone else from using it. The default lock code is 1234. However, it is suggested that you change this code immediately.

Q. What is my security code?

A. The default security code is 12345. However, it is suggested that you change this code immediately. Certain features can be used only after the correct security code has been successfully entered.

Q. How do I lock the keypad?

A. There are three ways you can lock the keypad:

- Press and hold end.
- Press **Menu**, scroll to **Keguard**, press **Select**.
- From the **Start** screen, press **Menu > 1 > 0 (Menu > Keyguard)**. This feature is called Keyguard.

Q. How do I unlock the keypad (Keyguard)?

A. There are two ways to unlock the keypad:

- Press and hold , then press **OK**, OR...
- Press **Unlock** and .

Q. How do I make the ringing louder?

A. Press **Menu 3 > 1 > 2 > 2 (Menu > Profiles > Normal > Customize > Ringing volume)**, then choose a volume level.

Q. How do I change the ringing tone?

A. Press **Menu 3 (Menu > Profiles)**. Scroll the list until you find the one where you will set the ringing tone. Press **Options**, and select **Customize**. Press **OK**, and scroll to **Ringing tones**. Press **Select**, and scroll to the tone you will use, and press **OK**.

Q. How do I store my voice mailbox number?

A. Press **Menu 0 > 1 > 2 > 2**, enter your voice mailbox phone number. Press **OK**. The screen tells you that the number is saved. Then the following message appears: **Save hidden voice mailbox password?** Press **Yes** to save this number.

This mailbox number is valid until your phone number changes.

Q. How do I call my voice mailbox number (retrieve voice messages)?

A. When your phone alerts you to new voice messages, press **Listen** and follow the instructions on the phone. If you'd rather listen to your messages later, press **Exit**.

To listen to your voice messages at a later time, perform one of the following actions:

- Press and hold the 1 key.
- Press **Menu 0 > 1 > 2 > 1 (Messages > Voice messages > Listen to voice messages)**. The message **Calling voice mailbox** appears on the screen. Follow the prompts to access your messages.

Q. How do I find my phone's model number?

A. Turn your phone off, then remove the battery from the back of the phone. Your phone's model number is listed on the sticker that appears on the back of the phone, after the word "Model".

Q. How do I redial the last-dialed number.

A. Press the talk key

twice, quickly.

Q. How do I assign a key to one-touch dialing?

A. Press **Names**. Scroll to **one-touch dialing**. Press **Select**. Scroll to the first key that includes the message (**empty**). (Or, you can overwrite an existing key.) Press **Assign**. Scroll to the name or number to which you want to assign to this key. Press **Select**.

Q. How do I find out how many memory locations the phone has?

A. Press **Names** and scroll to **Options**. Press **Select**. Scroll to **Memory status**. Press **Select**.

Q. How do I find my phone's ESN (electronic serial number)?

A. Turn your phone off. Press and hold the button at the top of the battery as you slide the battery toward the bottom of the phone. Lift the battery off the phone. Your phone's ESN is listed on a sticker on the back of the phone, after the letters "ESN".

Q. How can I change the contrast of my phone's display?

A. The contrast of your phone's display is fixed and can not be changed.

Q. How do I clear my call timers?

Warning: The clearing of call timers cannot be undone.

A. Press **Menu 2 > 5 > 4** and when the **Security code** field appears, enter your security code. Press **OK**.

Q. Can I receive a data or fax call while a voice call is in progress?

A. Yes. Your phone will display either **Data call** or **Fax call** to indicate the type of call. If the cable is not connected, the phone will display **Fax call, connect data cable** or **Data call, connect data cable**. If you have Caller ID, the caller's name or number will also be displayed.

You must first terminate the voice call, then launch the appropriate data or fax software and allow the software to accept the incoming call.

Q. Can I receive voice calls (or other types of calls) while a data or fax call is in progress?

A. No. The caller will receive a busy signal.

Q. Can I make a voice call while a data or fax call is in progress?

A. No. If a voice call is attempted while a data or fax call is in progress, the phone will display **End data call?**

- End the data or fax call from your computer's software, or
- Press **Back** to return to the data or fax call in progress.

Q. Can I place or receive a data or fax call while in analog mode?

A. Yes, but it requires a special data cable and modem. Contact your service provider.

23 Technical Information

Weight	141.98 g (5.01 oz.) with BPS-2 Ultra Slim Li-Polymer Battery (1100mAh)
Size	136 cc (8.3 cu. in.)
Frequency Range Lowband Highband	 824.04 - 848.97 MHz (TX) 869.04 - 893.97 MHz (RX) 1850.04 - 1909.92 MHz (TX) 1930.08 - 1989.96 MHz (RX)
Transmitter Output Power	Up to 400mW
Battery Voltage	3.6 V nominal
Charging current	350 mAh max. using ACP-7U charger
Operating Temperature	-30°C to +60°C (-22°F to +140°F)
Number of Channels	832 lowband 1150 highband
Number of NAMs	2
Memory Locations	200
Memory Capacity	Alpha: 16 characters per location Numeric: 32 digits per location
Data/fax transmission rate	14.4* Kbps
Fax type	Group 3 Send/Receive

Note: *Although your phone is capable of data transmission rates up to 56 Kbps, your actual transmission rate may vary, due to your service provider's network. Please check with your service provider for actual transmission rates.

24 NOKIA One-Year Limited Warranty

Nokia Inc. ("Nokia") warrants that this cellular phone ("Product") is free from defects in material and workmanship that result in Product failure during normal usage, according to the following terms and conditions:

1. The limited warranty for the Product extends for ONE (1) year beginning on the date of the purchase of the Product.

2. The limited warranty extends to the original purchaser of the Product ("Consumer") and is not assignable or transferable to any subsequent purchaser/end-user.

3. The limited warranty extends only to Consumers who purchase the Product in the United States.

4. During the limited warranty period, Nokia will repair, or replace, at Nokia's option, any defective parts, or any parts that will not properly operate for their intended use with new or factory rebuilt replacement items if such repair or replacement is needed because of product malfunction or failure during normal usage. No charge will be made to the Consumer for any such parts. Nokia will also pay for the labor charges incurred by Nokia in repairing or replacing the defective parts. The limited warranty does not cover defects in appearance, cosmetic, decorative or structural items, including framing, and any non-operative parts. Nokia's limit of liability under the limited warranty shall be the actual cash value of the Product at the time the Consumer returns the Product for repair, determined by the price paid by the Consumer for the Product less a reasonable amount for usage. Nokia shall not be liable for any other losses or damages. These remedies are the Consumer's exclusive remedies for breach of warranty.

5. Upon request from Nokia, the Consumer must prove the date of the original purchase of the Product by a dated bill of sale or dated itemized receipt.

6. The Consumer shall bear the cost of shipping the Product to Nokia in Melbourne, Florida. Nokia shall bear the cost of shipping the Product back to the Consumer after the completion of service under this limited warranty.

7. The Consumer shall have no coverage or benefits under this limited warranty if any of the following conditions are applicable:

a) The Product has been subject to abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, unauthorized modifications, unauthorized connections, unauthorized repair, misuse, neglect, abuse, accident, alteration, improper installation, or other acts which are not the fault of Nokia, including damage caused by shipping.

b) The Product has been damaged from external causes such as collision with an object, or from fire, flooding, sand, dirt, windstorm, lightning, earthquake or damage from exposure to weather conditions, an Act of God, or battery leakage, theft, blown fuse, or improper use of any electrical source, or damage caused by the connection to other products not recommended for interconnection by Nokia.

c) Nokia was not advised by the Consumer in writing of the alleged defect or malfunction of the Product within fourteen (14) days after the expiration of the applicable limited warranty period.

d) The Product serial number plate or the accessory data code has been removed, defaced or altered.

e) The defect or damage was caused by the defective function of the cellular system, by inadequate signal reception by the external antenna, or by viruses or other software problems introduced into the Product.

8. Nokia does not warrant uninterrupted or error-free operation of the Product. If a problem develops during the limited warranty period, the Consumer shall take the following step-by-step procedure:

a) The Consumer shall return the Product to the place of purchase for repair or replacement processing.

b) If "a" is not convenient because of distance (more than 50 miles) or for other good cause, the Consumer shall ship the Product prepaid and insured to:

Nokia Inc.
Attn: Repair Department
795 West Nasa Blvd.
Melbourne, FL 32901

c) The Consumer shall include a return address, daytime phone number and/or fax number, complete description of the problem, proof of purchase and service agreement (if applicable). Expenses related to removing the Product from an installation are not covered under this limited warranty.

d) The Consumer will be billed for any parts or labor charges not covered by this limited warranty. The Consumer will be responsible for any expenses related to reinstallation of the Product.

e) Nokia will repair or authorize the repair of the Product under the limited warranty within 30 days after receipt of the Product by Nokia or an Nokia authorized service center. If Nokia cannot perform repair covered under this limited warranty within 30 days, or after a reasonable number of attempts to repair the same defect, Nokia at its option, will provide a replacement Product or refund the purchase price of the Product less a reasonable amount for usage.

f) If the Product is returned to Nokia during the limited warranty period, but the problem with the Product is not covered under the terms and conditions of this limited warranty, the Consumer will be notified and given an estimate of the charges the Consumer must pay to have the Product repaired, with all shipping charges billed to the Consumer. If the estimate is refused, the Product will be returned freight collect. If the Product is returned to Nokia after the expiration of the limited warranty period, Nokia's normal service policies shall apply and the Consumer will be responsible for all shipping charges.

9. The Product consists of newly assembled equipment that may contain used components that have been reprocessed to allow machine compliance with Product performance and reliability specifications.

10. ANY IMPLIED WARRANTY OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE OR USE, SHALL BE LIMITED TO THE DURATION OF THE FOREGOING LIMITED WRITTEN WARRANTY. OTHERWISE, THE FOREGOING LIMITED WARRANTY IS THE CONSUMER'S SOLE AND EXCLUSIVE REMEDY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. NOKIA SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO, LOSS OF ANTICIPATED BENEFITS OR PROFITS, LOSS OF SAVINGS OR REVENUE, PUNITIVE DAMAGES, LOSS OF USE OF THE PRODUCT OR ANY ASSOCIATED EQUIPMENT, COST OF CAPITAL, COST OF ANY SUBSTITUTE EQUIPMENT OR FACILITIES, DOWNTIME, THE CLAIMS OF ANY THIRD PARTIES, INCLUDING CUSTOMERS, AND INJURY TO PROPERTY, RESULTING FROM THE PURCHASE OR USE OF THE PRODUCT OR ARISING FROM BREACH OF THE WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, STRICT TORT, OR ANY OTHER LEGAL OR EQUITABLE THEORY, EVEN IF NOKIA KNEW OF THE LIKELIHOOD OF SUCH DAMAGES. NOKIA SHALL NOT BE LIABLE FOR DELAY IN RENDERING SERVICE UNDER THE LIMITED WARRANTY, OR LOSS OF USE DURING THE PERIOD THAT THE PRODUCT IS BEING REPAIRED.

11. Some states do not allow limitation of how long an implied warranty lasts, so the above one-year warranty limitation may not apply to you (the Consumer). Some states do not allow the exclusion or limitation of incidental and consequential damages, so certain of the above limitations or exclusions may not apply to you (the Consumer). This limited warranty gives the Consumer specific legal rights and the Consumer may also have other rights which vary from state to state.

12. Nokia neither assumes nor authorizes any authorized service center or any other person or entity to assume for it any other obligation or liability beyond that which is expressly provided for in this limited warranty including the provider or seller of any extended warranty or service agreement.

13. This is the entire warranty between Nokia (or NMP) and the Consumer, and supersedes all prior and contemporaneous agreements or understandings, oral or written, and all communications relating to the Product, and no representation, promise or condition not contained herein shall modify these terms.

14. This limited warranty allocates the risk of failure of the Product between the Consumer and Nokia (or NMP). The allocation is recognized by the Consumer and is reflected in the purchase price of the Product.

15. Any action or lawsuit for breach of warranty must be commenced within eighteen (18) months following delivery of the Product.

16. Questions concerning this limited warranty may be directed to:

Nokia Customer Care Center, USA
7725 Woodland Center Blvd., Ste. 150
Tampa, FL 33614
Telephone: 1-888-NOKIA-2U (1-888-665-4228)
Facsimile: 1-813 249-9619
TTY Users: For the hearing-impaired only (TTY):
1-800-24-NOKIA (1-800-246-6542)

17. The limited warranty period for Nokia (or NMP) supplied attachments and accessories is specifically defined within their own warranty cards and packaging.

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Notes

Para obtener un manual del usuario en español favor de llamar o enviar un fax al teléfono 1-888-NOKIA-2U, fax 813-249-9619.